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OM protein - protein search, using sw model

Run on: June 14, 2004, 20:36:52 ; Search time 80 Seconds
        (without alignments)
        507.107 Million cell updates/sec

Title: US-09-978-298A-322
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Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1158786 seqs, 281726120 residues

Total number of hits satisfying chosen parameters: 212

Minimum DB seq length: 0
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%
Maximum Match 100%
Listing first 65000 summaries

Database : Published Applications AA.*
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Pred. No. is the number of results predicted by chance to have a
score greater than or equal to the score of the result being printed,
and is derived by analysis of the total score distribution.

SUMMARIES

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3 784 100.0 144 9 US-09-978-697-322 Sequence 322, App
4 784 100.0 144 9 US-09-902-941-327 Sequence 327, App
5 784 100.0 144 9 US-09-978-192A-322 Sequence 322, App
6 784 100.0 144 9 US-09-999-832A-322 Sequence 322, App
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; GENERAL INFORMATION:  
; APPLICANT: Ashtenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey



APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Guiney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James,  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C11  
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CURRENT FILING DATE: 2001-10-15  
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PRIOR FILING DATE: 2001-07-30  
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 9; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 3
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; Sequence 322, Application US/09978697
; Patent No. US20020169284A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC27
; CURRENT APPLICATION NUMBER: US/09/978,697
; CURRENT FILING DATE: 2001-10-16
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
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; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
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; PRIOR FILING DATE: 1998-05-13
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 9; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWMTLGLNMPLLAYHWRVMSRPMVMSGPGLYDPTTMMNADILAYCQKSGW 120
Db 61 FFCVMFLCAEWMTLGLNMPLLAYHWRVMSRPMVMSGPGLYDPTTMMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 2
US-09-736-457-327
; Sequence 327, Application US/09736457
; Patent No. US20020168637A1
; GENERAL INFORMATION:
; APPLICANT: Wang, Tongtong
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: Lodes, Michael A.
; APPLICANT: Fanger, Gary
; APPLICANT: Vedvick, Tom
; APPLICANT: Carter, Darrick
; APPLICANT: Retter, Marc
; APPLICANT: Mannion, Jane
; APPLICANT: Fan, Liqun
; APPLICANT: Wang, Aijun
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND
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1	PRIOR APPLICATION NUMBER: 60/081811
2	PRIOR FILING DATE: 1998-04-15
3	PRIOR APPLICATION NUMBER: 60/081952
4	PRIOR FILING DATE: 1998-04-15
5	PRIOR APPLICATION NUMBER: 60/081838
6	PRIOR FILING DATE: 1998-04-15
7	PRIOR APPLICATION NUMBER: 60/082568
8	PRIOR FILING DATE: 1998-04-21
9	PRIOR APPLICATION NUMBER: 60/082569
10	PRIOR FILING DATE: 1998-04-21
11	PRIOR APPLICATION NUMBER: 60/082704
12	PRIOR FILING DATE: 1998-04-22
13	PRIOR APPLICATION NUMBER: 60/082804
14	PRIOR FILING DATE: 1998-04-22
15	PRIOR APPLICATION NUMBER: 60/082700
16	PRIOR FILING DATE: 1998-04-22
17	PRIOR APPLICATION NUMBER: 60/082797
18	PRIOR FILING DATE: 1998-04-22
19	PRIOR APPLICATION NUMBER: 60/082796
20	PRIOR FILING DATE: 1998-04-23
21	PRIOR APPLICATION NUMBER: 60/083336
22	PRIOR FILING DATE: 1998-04-27
23	PRIOR APPLICATION NUMBER: 60/083322
24	PRIOR FILING DATE: 1998-04-28
25	PRIOR APPLICATION NUMBER: 60/083392
26	PRIOR FILING DATE: 1998-04-29
27	PRIOR APPLICATION NUMBER: 60/083495
28	PRIOR FILING DATE: 1998-04-29
29	PRIOR APPLICATION NUMBER: 60/083496
30	PRIOR FILING DATE: 1998-04-29
31	PRIOR APPLICATION NUMBER: 60/083499
32	PRIOR FILING DATE: 1998-04-29
33	PRIOR APPLICATION NUMBER: 60/083545
34	PRIOR FILING DATE: 1998-04-29
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37	PRIOR APPLICATION NUMBER: 60/083558
38	PRIOR FILING DATE: 1998-04-29
39	PRIOR APPLICATION NUMBER: 60/083559
40	PRIOR FILING DATE: 1998-04-29
41	PRIOR APPLICATION NUMBER: 60/083500
42	PRIOR FILING DATE: 1998-04-29
43	PRIOR APPLICATION NUMBER: 60/083742
44	PRIOR FILING DATE: 1998-04-30
45	PRIOR APPLICATION NUMBER: 60/084366
46	PRIOR FILING DATE: 1998-05-05
47	PRIOR APPLICATION NUMBER: 60/084414
48	PRIOR FILING DATE: 1998-05-06
49	PRIOR APPLICATION NUMBER: 60/084441
50	PRIOR FILING DATE: 1998-05-06
51	PRIOR APPLICATION NUMBER: 60/084637
52	PRIOR FILING DATE: 1998-05-07
53	PRIOR APPLICATION NUMBER: 60/084639
54	PRIOR FILING DATE: 1998-05-07
55	PRIOR APPLICATION NUMBER: 60/084640
56	PRIOR FILING DATE: 1998-05-07
57	PRIOR APPLICATION NUMBER: 60/084598
58	PRIOR FILING DATE: 1998-05-07
59	PRIOR APPLICATION NUMBER: 60/084600
60	PRIOR FILING DATE: 1998-5-07
61	PRIOR APPLICATION NUMBER: 60/084627
62	PRIOR FILING DATE: 1998-05-07
63	PRIOR APPLICATION NUMBER: 60/084643
64	PRIOR FILING DATE: 1998-05-07
65	PRIOR APPLICATION NUMBER: 60/085339
66	PRIOR FILING DATE: 1998-05-13
67	PRIOR APPLICATION NUMBER: 60/085338
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69	PRIOR APPLICATION NUMBER: 60/085323
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72	PRIOR FILING DATE: 1998-05-15
73	PRIOR APPLICATION NUMBER: 60/085700

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYYLYGMIYLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYLVSS 144

## RESULT 4

US-09-902-941-327

; Sequence 327, Application US/09902941

; Patent No. US20020172952A1

; GENERAL INFORMATION:

; APPLICANT: Henderson, Robert A.  
; APPLICANT: Wang, Tongtong  
; APPLICANT: Watanabe, Yoshihiro  
; APPLICANT: Johnson, Jeffrey C.  
; APPLICANT: Retter, Marc W.  
; APPLICANT: Marnerakis, Margarita  
; APPLICANT: Carter, Darick  
; APPLICANT: Fanger, Gary R.  
; APPLICANT: Vedvick, Thomas S.  
; APPLICANT: Bangur, Chaitanya S.  
; APPLICANT: McNabb, Andria

; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY

; FILE REFERENCE: 210121.478C17

; CURRENT FILING DATE: 2001-07-10

; NUMBER OF SEQ ID NOS: 2002

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 327

; LENGTH: 144

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-902-941-327

Query Match

Best Local Similarity 100.0%; Score 784; DB 9; Length 144;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQCNLTNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYYLYGMIYLVSS 144

Db 121 CKLAFYLLAFYYLYGMIYLVSS 144

## RESULT 5

US-09-978-192A-322

; Sequence 322, Application US/09978192A

; Patent No. US20020177553A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Mapoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; FILE REFERENCE: P2630PIC9

; CURRENT APPLICATION NUMBER: US/09/978,192A

; CURRENT FILING DATE: 2001-10-15

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

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; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

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; PRIOR APPLICATION NUMBER: 60/077450

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17	PRIOR APPLICATION NUMBER: 60/083742
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23	PRIOR APPLICATION NUMBER: 60/084441
24	PRIOR FILING DATE: 1998-05-06
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35	PRIOR APPLICATION NUMBER: 60/085339
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45	PRIOR APPLICATION NUMBER: 60/085689
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47	PRIOR APPLICATION NUMBER: 60/085579
48	PRIOR FILING DATE: 1998-05-15
49	PRIOR APPLICATION NUMBER: 60/085580
50	PRIOR FILING DATE: 1998-05-15
51	PRIOR APPLICATION NUMBER: 60/085573
52	PRIOR FILING DATE: 1998-05-15
53	PRIOR APPLICATION NUMBER: 60/085704
54	PRIOR FILING DATE: 1998-05-15
55	PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels

Qy	1	MAFTFAAF	FCVIM	ALL	TAAL	IFFAI	WHII	IADE	LTKY	KNID	QNTN	LNV	LVPE	YLI	HA	60
Db	1	MAFTFAAF	FCVIM	ALL	TAAL	IFFAI	WHII	IADE	LTKY	KNID	QNTN	LNV	LVPE	YLI	HA	60
Qy	61	FFCVMF	LCAAE	WLT	LG	LNNE	LL	YH	WY	MR	SP	VMS	GG	PL	YD	PTT
Db	61	FFCVMF	LCAAE	WLT	LG	LNNE	LL	YH	WY	MR	SP	VMS	GG	PL	YD	PTT
Qy	121	CKLAF	YLLA	FF	YLY	GM	IV	LV	SS							144

DB 121 CKLAFYLLAFFYLLXGMIVLVSS 144

RESULT 6

US-09-999-832A-322

Sequence 322, Application US/09999832A

Publication No. US20020192706A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC63

CURRENT APPLICATION NUMBER: US/09/999,832A

CURRENT FILING DATE: 2001-10-24

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

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PRIOR APPLICATION NUMBER: 60/082704

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082804

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082700

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082797

PRIOR FILING DATE: 1998-04-22

PRIOR APPLICATION NUMBER: 60/082796

PRIOR FILING DATE: 1998-04-23

PRIOR APPLICATION NUMBER: 60/083336

PRIOR FILING DATE: 1998-04-27

PRIOR APPLICATION NUMBER: 60/083322

PRIOR FILING DATE: 1998-04-28

PRIOR APPLICATION NUMBER: 60/083392

;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 9; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTLGLNNPLLAYHIIWYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTLGLNNPLLAYHIIWYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 7

US-09-849-626-327  
; Sequence 327, Application US/09849626  
; Publication No. US20020197669A1  
; GENERAL INFORMATION:  
; APPLICANT: Bangur, Chaitanya  
; APPLICANT: Fanger, Gary  
; APPLICANT: Wang, Aijun  
; APPLICANT: Wang, Tongcong  
; APPLICANT: Switzer, Anne  
; APPLICANT: McNeill, Patricia  
; APPLICANT: Clapper, Jonathan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY AND  
; FILE REFERENCE: 210121.478C16  
; CURRENT APPLICATION NUMBER: US/09/849.626  
; CURRENT FILING DATE: 2001-05-03  
; NUMBER OF SEQ ID NOS: 1926  
; SOFTWARE: FastSeq for Windows Version 3.0  
; SEQ ID NO 327  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-849-626-327

Query Match 100.0%; Score 784; DB 9; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTLGLNNPLLAYHIIWYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTLGLNNPLLAYHIIWYMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 8

US-09-978-189-322  
; Sequence 322, Application US/09578189  
; Publication No. US20030004102A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnovers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.



APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630P1C7  
CURRENT APPLICATION NUMBER: US/09/978,189  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
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PRIOR FILING DATE: 1998-03-30  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080327  
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PRIOR APPLICATION NUMBER: 60/080328  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/080334  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-15  
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PRIOR FILING DATE: 1998-04-22  
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PRIOR FILING DATE: 1998-04-23  
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PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
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PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
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PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640

; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
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; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
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; PRIOR FILING DATE: 1998-05-07  
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; PRIOR FILING DATE: 1998-05-13  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
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; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIADELKTDYKNPIDQCNTPNPLVPEYLIIHA 60  
Db 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIADELKTDYKNPIDQCNTPNPLVPEYLIIHA 60  
Qy 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRPVMGSLYDPTTINNADILAYCQKEGW 120  
Db 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRPVMGSLYDPTTINNADILAYCQKEGW 120  
Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 9  
US-09-978-608A-322  
; Sequence 322, Application US/09978608A  
; Publication No. US20030045462A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C22  
; CURRENT APPLICATION NUMBER: US/09/978,608A  
; CURRENT FILING DATE: 2001-10-16  
; NUMBER OF SEQ ID NOS: 624  
; Prior Application removed - See File Wrapper or Palm  
; SEQ ID NO 322  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-09-978-608A-322

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIADELKTDYKNPIDQCNTPNPLVPEYLIIHA 60  
Db 1 MAFTFAAFQCYMLALLTAALFFFAIWHIIADELKTDYKNPIDQCNTPNPLVPEYLIIHA 60  
Qy 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRPVMGSLYDPTTINNADILAYCQKEGW 120  
Db 61 FFCVMFLCAEWLTLGLNMLLAVHIIWYMRPVMGSLYDPTTINNADILAYCQKEGW 120  
Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 10  
US-09-978-585A-322  
; Sequence 322, Application US/09978585A  
; Publication No. US20030049633A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C15  
; CURRENT APPLICATION NUMBER: US/09/978,585A

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; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-585A-322

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60
   |||||
Db 1 MAFTFAFCYMLALLTAALIFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60
   |||||

QY 61 FFCVWFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKGKW 120
   |||||
Db 61 FFCVWFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKGKW 120
   |||||

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||

RESULT 11
US-09-978-191A-322
; Sequence 322, Application US/09978191A
; Publication No. US20030050239A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C4
; CURRENT APPLICATION NUMBER: US/09/978,191A
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
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; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR APPLICATION NUMBER: 60/079663
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; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
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; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
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; Publication No. US20030050240A1

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 / APPLICANT: Baker Kevin P.  
 / APPLICANT: Botstein, David  
 / APPLICANT: Deenoyers, Luc  
 / APPLICANT: Eaton, Dan  
 / APPLICANT: Ferrara, Napoleon  
 / APPLICANT: Flvaroff, Ellen  
 / APPLICANT: Fong, Sherman  
 / APPLICANT: Gao, Wei-Qiang  
 / APPLICANT: Gerber, Hanspeter  
 / APPLICANT: Gerritsen, Mary E.  
 / APPLICANT: Goddard, Audrey  
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 / APPLICANT: Kljavin, Ivar J.  
 / APPLICANT: Kuo, Sophia S.  
 / APPLICANT: Napier, Mary A.  
 / APPLICANT: Pan, James;  
 / APPLICANT: Paoni, Nicholas F.  
 / APPLICANT: Roy, Margaret Ann  
 / APPLICANT: Shelton, David L.  
 / APPLICANT: Stewart, Timothy A.  
 / APPLICANT: Tumas, Daniel  
 / APPLICANT: Williams, P. Mickey  
 / APPLICANT: Wood, William I.  
 / TITLE OF INVENTION: Secrets and Tra  
 / TITLE OF INVENTION: Acids Encoding  
 / FILE REFERENCE: P2630P1C17  
 / CURRENT APPLICATION NUMBER: US/09/97  
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; APPLICANT: Eaton, Dan
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; APPLICANT: Kijavin, Ivar J.
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; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
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; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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;; PRIOR APPLICATION NUMBER: 60/085697  
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Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144  
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; Publication No. US20030054405A1  
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; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC65  
; CURRENT APPLICATION NUMBER: US/09/999,833A  
; CURRENT FILING DATE: 2001-10-24  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311



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60/065582	PRIOR FILING DATE: 1998-05-15	
60/085700	PRIOR APPLICATION NUMBER: 60/085700	

7	PRIOR FILING DATE: 1998-05-15
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7	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085579
7	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085580
7	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085573
7	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085704
7	PRIOR FILING DATE: 1998-05-15
7	PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%: Score 784: DB 10: Length 144:

Query Match 100.0%; Score 784; DB 10;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Best local similarity 100.0%; Pred. NO. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

[illegible]

RESULT 15

US-09-981-915A-322

US 03-301-315A-322  
; Sequence 322, Application US/09981915A

; Sequence 322, Application US/09  
; Publication No. US20030054986A1

; GENERAL INFORMATION:

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/ / APPLICANT: Askenazi, Avi
/ / APPLICANT: Baker Kevin P.
/ / APPLICANT: Botstein, David
/ / APPLICANT: Desnoyers, Luc
/ / APPLICANT: Eaton, Dan
/ / APPLICANT: Ferrara, Napoleon
/ / APPLICANT: Filvaroff, Ellen
/ / APPLICANT: Fong, Sherman
/ / APPLICANT: Gao, Wei-Qiang
/ / APPLICANT: Gerber, Hanspeter
/ / APPLICANT: Gerritsen, Mary E.
/ / APPLICANT: Goddard, Audrey
/ / APPLICANT: Godowski, Paul J.
/ / APPLICANT: Grimaldi, J. Christopher
/ / APPLICANT: Gurney, Austin L.
/ / APPLICANT: Hillan, Kenneth J.
/ / APPLICANT: Kijavlin, Ivar J.
/ / APPLICANT: Kuo, Sophia S.
/ / APPLICANT: Napier, Mary A.
/ / APPLICANT: Pan, James
/ / APPLICANT: Paoni, Nicholas F.
/ / APPLICANT: Roy, Margaret Ann
/ / APPLICANT: Shelton, David L.
/ / APPLICANT: Stewart, Timothy A.
/ / APPLICANT: Tumas, Daniel
/ / APPLICANT: Williams, P. Mickey
/ / APPLICANT: Wood, William L.
/ / TITLE OF INVENTION: Secreted and Transferred
/ / TITLE OF INVENTION: Acids Encoding tRNA
/ / FILE REFERENCE: P26301C12
/ / CURRENT APPLICATION NUMBER: US/09/981016
/ / CURRENT FILING DATE: 2001-10-16
/ / PRIOR APPLICATION NUMBER: 09/918585
/ / PRIOR FILING DATE: 2001-07-30
/ / PRIOR APPLICATION NUMBER: 60/062250
/ / PRIOR FILING DATE: 1997-10-17
/ / PRIOR APPLICATION NUMBER: 60/064249
/ / PRIOR FILING DATE: 1997-11-03

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MAFTFAACYMLALTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60
QY 61 FFCVFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 17
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; Sequence 322, Application US/09918585A
; Publication No. US2003060406A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC1
; CURRENT APPLICATION NUMBER: US/09/918,585A
; CURRENT FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; Publication No.: US20030069178A1
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; GENERAL INFORMATION:
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; APPLICANT: Askenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Flvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia A.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James?
; APPLICANT: Paoi, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
;
; TITLE OF INVENTION: Secreted and Transferred
;
; TITLE OF INVENTION: Acids Encoding
;
; FILE REFERENCE: P2630P1C21
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; CURRENT APPLICATION NUMBER: US/09/97
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; CURRENT FILING DATE: 2002-05-16
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; PRIOR APPLICATION NUMBER: 09/918585
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; PRIOR FILING DATE: 2001-07-30
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; PRIOR APPLICATION NUMBER: 60/062250
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; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; TITLE OF INVENTION: Acids Encoding the Same

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; PRIOR FILING DATE: 1998-05-13
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; PRIOR APPLICATION NUMBER: 60/081070
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
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; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229

Query Match 100.0%; Score 784; DB 10; Length 144;
Beat Local Similarity 100.0%; Pred.No.5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
DB 1 MAFTFAAFYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
QY 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKSGW 120
DB 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMMNADILAYCQKSGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 19
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; Sequence 322, Application US/09978193A
; Publication No. US20030073624A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Botstoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C6
; CURRENT APPLICATION NUMBER: US/09/978,193A
; CURRENT FILING DATE: 2002-02-21
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
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;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
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;; PRIOR FILING DATE: 1998-05-13

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;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78; Mismatches 0; Indels 0; Gaps 0;  
Matches 144; Conservative 0;

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Db 1 MAFTEAFACYMALLLTAALIFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Qy 61 FFCVMFLCAAEBWLTGLNMLLAYHWYMRPVSFGLYDPTTINADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEBWLTGLNMLLAYHWYMRPVSFGLYDPTTINADILAYCOKEGW 120  
Qy 121 CKLAFYLLAFFYLYGMIYVLSV 144  
Db 121 CKLAFYLLAFFYLYGMIYVLSV 144

RESULT 20

US-09-999-830A-322  
; Sequence 322, Application US/09999830A  
; Publication No. US20030077700A1

GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Deanoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Geritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2830PIC70  
;; CURRENT APPLICATION NUMBER: US/09/999.830A  
;; CURRENT FILING DATE: 2001-08-31  
;; PRIOR APPLICATION NUMBER: 09/918585

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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 1 MAFTFAFCYMLALLTAALFFAALWHIIAFDELKTDYKNPIDQNTLNPLVLYLIHA 60

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Db 61 PFCVWFCAAEWLTLGLNPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCQKEGW 120

Qy 121 CKLAFYLLAFYYLYGMYIYLVSS 144
Db 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 21
US-09-978-757A-322
; Sequence 322, Application US/09978757A
; Publication No. US20030083248A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Bolstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumaas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC26
; CURRENT APPLICATION NUMBER: US/09/978,757A
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; PRIOR APPLICATION NUMBER: 60/085338
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; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALIAFFAIWHIIADELKTDYKNPIDQCNLTNBLVLPYLIHA 60
Db 1 MAFTFAAFYMLALLTLTAALIAFFAIWHIIADELKTDYKNPIDQCNLTNBLVLPYLIHA 60
QY 61 PFCVMFLCAAELWLTGLNNPLIAYHIWRYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120
Db 61 PFCVMFLCAAELWLTGLNNPLIAYHIWRYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 22
US-09-978-187B-322
; Sequence 322, Application US/09978187B
; Publication No. US20030096744A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C5
; CURRENT APPLICATION NUMBER: US/09/978,187B
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97 PRIOR FILING DATE: 1998-04-22  
98 PRIOR APPLICATION NUMBER: 60/082797  
99 PRIOR FILING DATE: 1998-04-22  
100 PRIOR APPLICATION NUMBER: 60/082796  
101 PRIOR FILING DATE: 1998-04-23  
102 PRIOR APPLICATION NUMBER: 60/083336  
103 PRIOR FILING DATE: 1998-04-27  
104 PRIOR APPLICATION NUMBER: 60/083322  
105 PRIOR FILING DATE: 1998-04-28  
106 PRIOR APPLICATION NUMBER: 60/083392  
107 PRIOR FILING DATE: 1998-04-29  
108 PRIOR APPLICATION NUMBER: 60/083495  
109 PRIOR FILING DATE: 1998-04-29  
110 PRIOR APPLICATION NUMBER: 60/083496  
111 PRIOR FILING DATE: 1998-04-29  
112 PRIOR APPLICATION NUMBER: 60/083499  
113 PRIOR FILING DATE: 1998-04-29  
114 PRIOR APPLICATION NUMBER: 60/083545  
115 PRIOR FILING DATE: 1998-04-29  
116 PRIOR APPLICATION NUMBER: 60/083554  
117 PRIOR FILING DATE: 1998-04-29  
118 PRIOR APPLICATION NUMBER: 60/083558  
119 PRIOR FILING DATE: 1998-04-29  
120 PRIOR APPLICATION NUMBER: 60/083559  
121 PRIOR FILING DATE: 1998-04-29  
122 PRIOR APPLICATION NUMBER: 60/083500  
123 PRIOR FILING DATE: 1998-04-29  
124 PRIOR APPLICATION NUMBER: 60/083742  
125 PRIOR FILING DATE: 1998-04-30  
126 PRIOR APPLICATION NUMBER: 60/084366  
127 PRIOR FILING DATE: 1998-05-05  
128 PRIOR APPLICATION NUMBER: 60/084414  
129 PRIOR FILING DATE: 1998-05-06  
130 PRIOR APPLICATION NUMBER: 60/084441  
131 PRIOR FILING DATE: 1998-05-06  
132 PRIOR APPLICATION NUMBER: 60/084637  
133 PRIOR FILING DATE: 1998-05-07  
134 PRIOR APPLICATION NUMBER: 60/084639  
135 PRIOR FILING DATE: 1998-05-07  
136 PRIOR APPLICATION NUMBER: 60/084640  
137 PRIOR FILING DATE: 1998-05-07  
138 PRIOR APPLICATION NUMBER: 60/084598  
139 PRIOR FILING DATE: 1998-05-07  
140 PRIOR APPLICATION NUMBER: 60/084600  
141 PRIOR FILING DATE: 1998-05-07  
142 PRIOR APPLICATION NUMBER: 60/084627  
143 PRIOR FILING DATE: 1998-05-07  
144 PRIOR APPLICATION NUMBER: 60/084643  
145 PRIOR FILING DATE: 1998-05-07  
146 PRIOR APPLICATION NUMBER: 60/085339

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; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697
;
Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
;
Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
;
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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RESULT 23
US-09-978-643A-322
; Sequence 322, Application US/09978643A
; Publication No. US20030104998A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acide Encoding the Same
; FILE REFERENCE: F2630PIC16
;

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;
Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
;
Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
;
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
;

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;
CURRENT APPLICATION NUMBER: US/09/978, 643A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-978-643A-322
;
Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
;
Qy 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
;
Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMADILAYCQKEGW 120
;
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
;

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RESULT 25
US-09-978-375A-322
; Sequence 322, Application US/09978375A
; Publication No. US20030130181A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
;

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RESULT 26

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; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
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; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
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; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441

; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 10; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFYCYMLALLLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
Db      1  MAFTFAAFYCYMLALLLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
QY      61  FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGM 120
Db      61  FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKGM 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 27
US-09-978-188A-322
; Sequence 322, Application US/09978188A
; Publication No. US20030139328A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
```

APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James.  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Wickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC8  
CURRENT APPLICATION NUMBER: US/09/978,188A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
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PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
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PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
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PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
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PRIOR APPLICATION NUMBER: 60/080334  
PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-08  
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PRIOR APPLICATION NUMBER: 60/081838  
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PRIOR APPLICATION NUMBER: 60/083554  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06

1 PRIOR APPLICATION NUMBER: 60/084441  
2 PRIOR FILING DATE: 1998-05-06  
3 PRIOR APPLICATION NUMBER: 60/084637  
4 PRIOR FILING DATE: 1998-05-07  
5 PRIOR APPLICATION NUMBER: 60/084639  
6 PRIOR FILING DATE: 1998-05-07  
7 PRIOR APPLICATION NUMBER: 60/084640  
8 PRIOR FILING DATE: 1998-05-07  
9 PRIOR APPLICATION NUMBER: 60/084598  
10 PRIOR FILING DATE: 1998-05-07  
11 PRIOR APPLICATION NUMBER: 60/084600  
12 PRIOR FILING DATE: 1998-05-07  
13 PRIOR APPLICATION NUMBER: 60/084627  
14 PRIOR FILING DATE: 1998-05-07  
15 PRIOR APPLICATION NUMBER: 60/084643  
16 PRIOR FILING DATE: 1998-05-07  
17 PRIOR APPLICATION NUMBER: 60/085339  
18 PRIOR FILING DATE: 1998-05-13  
19 PRIOR APPLICATION NUMBER: 60/085338  
20 PRIOR FILING DATE: 1998-05-13  
21 PRIOR APPLICATION NUMBER: 60/085323  
22 PRIOR FILING DATE: 1998-05-13  
23 PRIOR APPLICATION NUMBER: 60/085382  
24 PRIOR FILING DATE: 1998-05-15  
25 PRIOR APPLICATION NUMBER: 60/085700  
26 PRIOR FILING DATE: 1998-05-15  
27 PRIOR APPLICATION NUMBER: 60/085689  
28 PRIOR FILING DATE: 1998-05-15  
29 PRIOR APPLICATION NUMBER: 60/085579  
30 PRIOR FILING DATE: 1998-05-15  
31 PRIOR APPLICATION NUMBER: 60/085580  
32 PRIOR FILING DATE: 1998-05-15  
33 PRIOR APPLICATION NUMBER: 60/085573  
34 PRIOR FILING DATE: 1998-05-15  
35 PRIOR APPLICATION NUMBER: 60/085704  
36 PRIOR FILING DATE: 1998-05-15  
37 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTLTAALIFFAIWHIAFDLKTVDYKNPIDQCNLTNPLVLPYLIHA 60  
DB 1 MAFTFAACYMLALLTLTAALIFFAIWHIAFDLKTVDYKNPIDQCNLTNPLVLPYLIHA 60  
QY 61 PFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLDPTTMMADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 28

US-09-978-681A-322  
Sequence 322, Application US/09978681A  
Publication No. US20030195148A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC18  
CURRENT APPLICATION NUMBER: US/09/978,681A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
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;; PRIOR APPLICATION NUMBER: 60/080194  
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;; PRIOR APPLICATION NUMBER: 60/084414

;; PRIOR FILING DATE: 1998-05-06  
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;; PRIOR FILING DATE: 1998-05-06  
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;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
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;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;

Best Local Similarity 100.0%; Pred. No. 5.8e-78;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLEYLIIHA 60  
Db 1 MAFTFAAFCYMLALLTAAALFFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLEYLIIHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGFLYDPTTINMADILAYCOKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGFLYDPTTINMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFYLYGYMYIVLVSS 144  
Db 121 CKLAFYLLAFYLYGYMYIVLVSS 144

#### RESULT 29

US-09-978-194A-322

; Sequence 322, Application US/09978194A

; Publication No. US20030195333A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C10  
CURRENT APPLICATION NUMBER: US/09/978,194A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918595  
PRIOR FILING DATE: 2001-07-30  
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 ; PRIOR APPLICATION NUMBER: 60/085704  
 ; PRIOR FILING DATE: 1998-05-15  
 ; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYLVSS 144

## RESULT 30

US-09-999-829A-322  
 ; Sequence 322, Application US/09999829A  
 ; Publication No. US20030195344N1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630PIC61  
 ; CURRENT APPLICATION NUMBER: US/09/999,829A  
 ; CURRENT FILING DATE: 2002-03-19  
 ; NUMBER OF SEQ ID NOS: 624  
 ; Prior Application removed - See File Wrapper or Palm  
 ; SEQ ID NO 322  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-999-829A-322

Query Match 100.0%; Score 784; DB 10; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMYLVSS 144

## RESULT 31

US-09-978-299A-322  
 ; Sequence 322, Application US/0978299A  
 ; Publication No. US20030199435A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kljavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C3  
CURRENT APPLICATION NUMBER: US/09/978,299A  
PRIOR FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
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PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080194  
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;; PRIOR FILING DATE: 1998-05-07  
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
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DB 1 MAFTFAACFMALALTLAALFFATWHLIADELKTDYKNPIDQCNLTNPLVLPYLIIHA 60  
  
QY 61 FFCWFLCAAEWLTGLNPLLAYHWRMSPVMSGFLYDPTTMMADILAYCQKEGW 120  
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QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
DB 121 CKLAFYLLAFYYLYGMYIYLVSS 144

## RESULT 32

US-09-978-544A-322  
Sequence 322, Application US/09978544A  
Publication No. US20030199436A1

## GENERAL INFORMATION:

;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker Kevin P.  
;; APPLICANT: Borstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.

;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encdding the Same  
;; FILE REFERENCE: P2630PIC13  
;; CURRENT APPLICATION NUMBER: US/09/978,544A  
;; CURRENT FILING DATE: 2002-03-19  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTAAFCYMLALLTLALIFFAIWHIIFAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
Db 1 MAFTAAFCYMLALLTLALIFFAIWHIIFAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNNMFLAYHWRVMSRPVMSGPLGYDPTTMMADILAYCQKGW 120  
Db 61 FFCVMFLCAAEWLTGLNNMFLAYHWRVMSRPVMSGPLGYDPTTMMADILAYCQKGW 120  
QY 121 CKLAFYLLAFYYLYGMYYLVSS 144  
Db 121 CKLAFYLLAFYYLYGMYYLVSS 144

## RESULT 33

US-09-978-665A-322  
; Sequence 322, Application US/09978665A  
; Publication NO. US20030199437A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavich, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C19  
CURRENT APPLICATION NUMBER: US/09/978,665A  
CURRENT FILING DATE: 2001-10-16  
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PRIOR FILING DATE: 2001-07-30  
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;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 10; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
Db 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVMFLCAAEWLTGLNMLPLLAYHWRVMSRPGVSGGLYDPTTMMADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMLPLLAYHWRVMSRPGVSGGLYDPTTMMADILAYCOKEGW 120  
QY 121 CKLAFYLLAFYYLYGMYYLVSS 144  
Db 121 CKLAFYLLAFYYLYGMYYLVSS 144

## RESULT 35

US-10-164-749A-322  
; Sequence 322, Application US/10:164749A  
; Publication No. US20040029218A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin B.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.

```
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/164,749A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-164-749A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
Db 1 MATFAAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
QY 61 FFCVMFLCAEWLTGLNMPPELLAYHWYMSRPMVSGPGLYDPTTNNADILAYCKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPPELLAYHWYMSRPMVSGPGLYDPTTNNADILAYCKEGW 120
QY 121 CKLAFFYLLAFFYYLYGMYVLVSS 144
Db 121 CKLAFFYLLAFFYYLYGMYVLVSS 144

RESULT 36
US-10-081-056-2
; Sequence 2, Application US/10081056
; Publication No. US20040043927A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scott A.
```

```
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P3235P1C1
; CURRENT APPLICATION NUMBER: US/10/081,056
; CURRENT FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: US 60/230,978
; PRIOR FILING DATE: 2000-09-07
; PRIOR APPLICATION NUMBER: US 60/000,000
; PRIOR FILING DATE: 2000-09-15
; PRIOR APPLICATION NUMBER: US 09/664,610
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 09/665,350
; PRIOR FILING DATE: 2000-09-18
; PRIOR APPLICATION NUMBER: US 60/242,922
; PRIOR FILING DATE: 2000-10-24
; PRIOR APPLICATION NUMBER: US 09/709,238
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30952
; PRIOR FILING DATE: 2000-11-08
; PRIOR APPLICATION NUMBER: PCT/US00/30873
; PRIOR FILING DATE: 2000-11-10
; PRIOR APPLICATION NUMBER: PCT/US00/32678
; PRIOR FILING DATE: 2000-12-01
; PRIOR APPLICATION NUMBER: US 09/747,259
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: PCT/US00/34956
; PRIOR FILING DATE: 2000-12-20
; PRIOR APPLICATION NUMBER: US 09/767,609
; PRIOR FILING DATE: 2001-01-22
; PRIOR APPLICATION NUMBER: US 09/796,498
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06520
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: PCT/US01/06666
; PRIOR FILING DATE: 2001-03-01
; PRIOR APPLICATION NUMBER: US 09/802,706
; PRIOR FILING DATE: 2001-03-09
; PRIOR APPLICATION NUMBER: US 09/808,689
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: US 09/816,744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 09/828,366
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 09/854,208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/866,028
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;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 09/866,034  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: PCT/US01/17092  
;; PRIOR FILING DATE: 2001-05-25  
;; PRIOR APPLICATION NUMBER: US 09/870,574  
;; PRIOR FILING DATE: 2001-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/17443  
;; PRIOR FILING DATE: 2001-05-30  
;; PRIOR APPLICATION NUMBER: PCT/US01/17800  
;; PRIOR FILING DATE: 2001-06-01  
;; PRIOR APPLICATION NUMBER: PCT/US01/19692  
;; PRIOR FILING DATE: 2001-06-20  
;; PRIOR APPLICATION NUMBER: PCT/US01/00000  
;; PRIOR FILING DATE: 2001-06-28  
;; NUMBER OF SEQ ID NOS: 383  
;; SEQ ID NO 2  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-081-056-2

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
  
QY 61 FFCVWFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKGM 120  
Db 61 FFCVWFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKGM 120  
  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 37

US-10-219-535-120  
; Sequence 120, Application US/10219535  
; Publication No. US20040044179A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC60  
; CURRENT APPLICATION NUMBER: US/10/219,535  
; PRIOR FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910

;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-219-535-120

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
  
QY 61 FFCVWFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKGM 120  
Db 61 FFCVWFLCAAEWLTGLNMLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKGM 120  
  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 38

US-10-232-230-120  
; Sequence 120, Application US/10232230  
; Publication No. US20040044180A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC103  
; CURRENT APPLICATION NUMBER: US/10/232,230  
; CURRENT FILING DATE: 2002-08-29  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 246  
 ; SEQ ID NO 120  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-232-230-120

Query Match 100.0%; Score 784; DB 12; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 |||||  
 Db 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 |||||

## RESULT 39

US-09-999-831A-322  
 ; Sequence 322, Application US/09999831A  
 ; Publication No. US20040048332A1  
 ; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630P1C68  
 ; CURRENT APPLICATION NUMBER: US/09/999,831A  
 ; CURRENT FILING DATE: 2002-03-25  
 ; NUMBER OF SEQ ID NOS: 624  
 ; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 322  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-09-999-831A-322

Query Match 100.0%; Score 784; DB 12; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 |||||  
 Db 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 |||||

## RESULT 40

US-10-013-917A-322  
 ; Sequence 322, Application US/10013917A  
 ; Publication No. US20040063921A1  
 ; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
 ; APPLICANT: Baker Kevin P.  
 ; APPLICANT: Botstein, David  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Eaton, Dan  
 ; APPLICANT: Ferrara, Napoleon  
 ; APPLICANT: Filvaroff, Ellen  
 ; APPLICANT: Fong, Sherman  
 ; APPLICANT: Gao, Wei-Qiang  
 ; APPLICANT: Gerber, Hanspeter  
 ; APPLICANT: Gerritsen, Mary E.  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Hillan, Kenneth J.  
 ; APPLICANT: Kijavin, Ivar J.  
 ; APPLICANT: Kuo, Sophia S.  
 ; APPLICANT: Napier, Mary A.  
 ; APPLICANT: Pan, James;  
 ; APPLICANT: Paoni, Nicholas F.  
 ; APPLICANT: Roy, Margaret Ann  
 ; APPLICANT: Shelton, David L.  
 ; APPLICANT: Stewart, Timothy A.  
 ; APPLICANT: Tumas, Daniel  
 ; APPLICANT: Williams, P. Mickey  
 ; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
 ; FILE REFERENCE: P2630P1C82  
 ; CURRENT APPLICATION NUMBER: US/10/013,917A

; CURRENT FILING DATE: 2001-10-25  
 ; Prior Application removed - See File Wrapper or Palm  
 ; NUMBER OF SEQ ID NOS: 624  
 ; SEQ ID NO 322  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo sapiens  
 US-10-013-917A-322

Query Match 100.0%; Score 784; DB 12; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 |||||  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 |||||  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 |||||



Db 121 CKLAFYLLAFFYLYXMIYLVSS 144

## RESULT 41

US-09-999-834A-322  
; Sequence 322, Application US/09999834A  
; Publication No. US20030064407A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kijavil, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630P1C75  
; CURRENT APPLICATION NUMBER: US/09/999,834A  
; CURRENT FILING DATE: 2001-10-24  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078939  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079664  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079689  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079663  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079786  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/079920  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/079923  
; PRIOR FILING DATE: 1998-03-30  
; PRIOR APPLICATION NUMBER: 60/080105  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080107  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080165  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080194  
; PRIOR FILING DATE: 1998-03-31  
; PRIOR APPLICATION NUMBER: 60/080327  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080328  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080333  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/080334  
; PRIOR FILING DATE: 1998-04-01  
; PRIOR APPLICATION NUMBER: 60/081070  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081049  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081071  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081195  
; PRIOR FILING DATE: 1998-04-08  
; PRIOR APPLICATION NUMBER: 60/081203  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081229  
; PRIOR FILING DATE: 1998-04-09  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081817  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081952  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081838  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082568  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082569  
; PRIOR FILING DATE: 1998-04-21  
; PRIOR APPLICATION NUMBER: 60/082704  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082700  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082797  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/082796  
; PRIOR FILING DATE: 1998-04-23  
; PRIOR APPLICATION NUMBER: 60/083336  
; PRIOR FILING DATE: 1998-04-27  
; PRIOR APPLICATION NUMBER: 60/083322  
; PRIOR FILING DATE: 1998-04-28  
; PRIOR APPLICATION NUMBER: 60/083392  
; PRIOR FILING DATE: 1998-04-29

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; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match          100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCQKEGW 120
Db      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCQKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
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Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 42
US-10-232-224-120
; Sequence 120, Application US/10232224
; Publication No. US20030065147A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C111
; CURRENT APPLICATION NUMBER: US/10/232,224
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-224-120

Query Match          100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCQKEGW 120
Db      61  FFCWMLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTINNADILAYCQKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 43
US-10-162-521A-322
; Sequence 322, Application US/10162521A
```

Publication No. US20030211092A1

GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C55

CURRENT APPLICATION NUMBER: US/10/162,521A

CURRENT FILING DATE: 2002-11-29

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

SEQUENCE ID NOS: 624

LENGTH: 144

TYPE: PRT

ORGANISM: Homo sapiens

US-10-162-521A-322

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYNMALLTALFFAIWIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60  
DB 1 MAFTFAACYNMALLTALFFAIWIIAFDELKTDYKNPDKQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMRPVMGSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMRPVMGSGGLYDPTTMMADILAYCQKEGW 120

QY 121 CXLAFFYLLAFFYLYGMIYLVSS 144  
DB 121 CXLAFFYLLAFFYLYGMIYLVSS 144

#### RESULT 44

US-10-145-016A-322  
Sequence 322, Application US/10145016A  
Publication No. US20030203433A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C52

CURRENT APPLICATION NUMBER: US/10/145,016A

CURRENT FILING DATE: 2001-10-18

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/062250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/064249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

PRIOR APPLICATION NUMBER: 60/077632

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077641

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077649

PRIOR FILING DATE: 1998-03-11

PRIOR APPLICATION NUMBER: 60/077791

PRIOR FILING DATE: 1998-03-12

Remaining Prior Application data removed - See File Wrapper or PALM.

SEQUENCE ID NOS: 624

LENGTH: 144

TYPE: PRT

ORGANISM: Homo sapiens

US-10-145-016A-322

Query Match 100.0%; Score 784; DB 12; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;

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; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-088A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best local similarity 100.0%; Pred. NO. 5.8e-18;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MATFAAFCYMALLLTAAIIFFAIWHIIAFDELKTDYKNPIDOCNTINPLVLPYLIHA 60
DB      1 MATFAAFCYMALLLTAAIIFFAIWHIIAFDELKTDYKNPIDOCNTINPLVLPYLIHA 60

QY      61 FFCVMFICAAEWLTGLNMELLYAHYIWRYSRPRVMSGFGLYDPTTINADILAYCQKEGW 120
DB      61 FFCVMFICAAEWLTGLNMELLYAHYIWRYSRPRVMSGFGLYDPTTINADILAYCQKEGW 120

QY      121 CKLAFYLLAFYYLYGMYIVLVSS 144
DB      121 CKLAFYLLAFYYLYGMYIVLVSS 144

RESULT 46
US-10-145-092A-322
; Sequence 322, Application US/10145092A
; Publication No. US20030203435A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE OF INVENTION: Acids Encoding the Same
FILE REFERENCE: P2630F1C45
CURRENT APPLICATION NUMBER: US/10/145,092A
CURRENT FILING DATE: 2002-10-10
PRIOR APPLICATION NUMBER: 09/918585
PRIOR FILING DATE: 2001-07-30
PRIOR APPLICATION NUMBER: 60/052250
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/054249
PRIOR FILING DATE: 1997-11-03
PRIOR APPLICATION NUMBER: 60/065311
PRIOR FILING DATE: 1997-11-13
PRIOR APPLICATION NUMBER: 60/066364
PRIOR FILING DATE: 1997-11-21
PRIOR APPLICATION NUMBER: 60/077450
PRIOR FILING DATE: 1998-03-10

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QY	61	FFCVMEFCAAEWLTLGLNMPELLAYHIWRYMSRPMVSGFLYDPTTINWADILAYCQKEGW	120
Db	61	FFCVMEFCAAEWLTLGLNMPELLAYHIWRYMSRPMVSGFLYDPTTINWADILAYCQKEGW	120
QY	121	CKLAFYLLAFYYLYGMIYVLVSS	144
Db	121	CKLAFYLLAFYYLYGMIYVLVSS	144

RESULT 46

US-10-145-092A-322

Sequence 322, Application US/10145092A

Publication No. US20030203435A1

GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: Baker Kevin P.

APPLICANT: Botstein, David

APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoleon

APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang

APPLICANT: Gerber, Hanspeter

APPLICANT: Gerritsen, Mary E.

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Hillan, Kenneth J.

APPLICANT: Kljavin, Ivar J.

APPLICANT: Kuo, Sophia S.

APPLICANT: Napier, Mary A.

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann

APPLICANT: Shelton, David L.

APPLICANT: Stewart, Timothy A.

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. Mickey

APPLICANT: Wood, William I.

TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C45

CURRENT APPLICATION NUMBER: US/10/145,092A

CURRENT FILING DATE: 2002-10-10

PRIOR APPLICATION NUMBER: 09/918585

PRIOR FILING DATE: 2001-07-30

PRIOR APPLICATION NUMBER: 60/052250

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/054249

PRIOR FILING DATE: 1997-11-03

PRIOR APPLICATION NUMBER: 60/065311

PRIOR FILING DATE: 1997-11-13

PRIOR APPLICATION NUMBER: 60/066364

PRIOR FILING DATE: 1997-11-21

PRIOR APPLICATION NUMBER: 60/077450

PRIOR FILING DATE: 1998-03-10

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; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-092A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

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RESULT 47
US-10-145-129A-322
; Sequence 322, Application US/10145129A
; Publication No. US20030203436A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James.
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC51
; CURRENT APPLICATION NUMBER: US/10/145,129A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250

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; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-129A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

```

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RESULT 48
US-10-283-017-327
; Sequence 327, Application US/10283017
; Publication No. US20030211510A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Kalos, Michael D.
; APPLICANT: Sleath, Paul R.
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Durham, Margarita
; APPLICANT: Carter, Darriack
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.478C20
; CURRENT APPLICATION NUMBER: US/10/283,017
; CURRENT FILING DATE: 2002-10-28
; NUMBER OF SEQ ID NOS: 2157
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 327
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-283-017-327

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Query Match	100.0%;	Score 784;	DB 12;	Length 144;
Best Local Similarity	100.0%;	Pred. No. 5.8e-78;		
Matches 144;	Conservative 0;	Mismatches 0;	Indels 0;	Gaps 0
1	MAFTTAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLHA 60			
b	1	MAFTTAAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLHA 60		
61	FFCVMFCLCAAEWLTGLGNMPELLAYHWRWMSRPFVMSGGLYDPTTMMADILAYCQKEGW 120			
b	61	FFCVMFCLCAAEWLTGLGNMPELLAYHWRWMSRPFVMSGGLYDPTTMMADILAYCQKEGW 120		
121	CKLAFYLLAFFYYLYGMIYVLVSS 144			
121	CKLAFYLLAFFYYLYGMIYVLVSS 144			

RESULT 49  
US-10-165-038A-322  
; Sequence 322, Application US/10165038A  
; Publication No. US2003020341A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: ROY, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P26301C29  
; CURRENT APPLICATION NUMBER: US/10/165,038A  
; CURRENT FILING DATE: 2002-10-10  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791

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; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-353A-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 51
US-10-167-600-322
; Sequence 322, Application US/10167600
; Publication No. US20030203443A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C35
; CURRENT APPLICATION NUMBER: US/10167,600
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585

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; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-600-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 52
US-10-170-481A-322
; Sequence 322, Application US/10170481A
; Publication No. US20030203444A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.

```

```
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC53
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: US/10/170,481A
/ PRIOR FILING DATE: 2002-10-10
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 322
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-170-481A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIIHA 60
DB 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 53
US-10-172-039A-322
/ Sequence 322, Application US/10172039A
/ Publication No. US20030203445A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
```

```
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James;
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC30
/ CURRENT APPLICATION NUMBER: US/10/172,039A
/ CURRENT FILING DATE: 2002-10-10
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/064249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/065311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077641
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077649
/ PRIOR FILING DATE: 1998-03-11
/ PRIOR APPLICATION NUMBER: 60/077791
/ PRIOR FILING DATE: 1998-03-12
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 624
/ SEQ ID NO 322
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-172-039A-322

Query Match 100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIIHA 60
DB 1 MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLPYLIIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 54
US-10-210-028-322
/ Sequence 322, Application US/10210028
/ Publication No. US20030203446A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
```



```
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630FIC52
; CURRENT APPLICATION NUMBER: US/10/210,028
; CURRENT FILING DATE: 2001-10-18
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-210-028-322

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFYMLALLTAAALFFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFYMLALLTAAALFFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGFLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGFLYDPTTINMADILAYCOKEGW 120

QY      121  CKLAFYLLAFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFYLYGMIYVLVSS 144

RESULT 55
US-10-305-654-2
```

```
; Sequence 2, Application US/10305654
; Publication No. US20030224984A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hans-Peter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, J.
; APPLICANT: Paoni, N. F.
; APPLICANT: Stephan, J-P F.
; APPLICANT: Watanabe, C.K.
; APPLICANT: Wood, W.I.
; APPLICANT: Williams, P.M.
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3235R1C1
; CURRENT APPLICATION NUMBER: US/10/305,654
; CURRENT FILING DATE: 2002-11-26
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homosapiens
US-10-305-654-2

Query Match      100.0%; Score 784; DB 12; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFYMLALLTAAALFFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFYMLALLTAAALFFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGFLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAEAWLTGLNMPLLAYHWRMSPVMSGFLYDPTTINMADILAYCOKEGW 120

QY      121  CKLAFYLLAFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFYLYGMIYVLVSS 144

RESULT 56
US-10-044-477-1
; Sequence 1, Application US/10044477
; Publication No. US20020103342A1
; GENERAL INFORMATION:
; APPLICANT: Hillman, Jennifer L.
; Corley, Neil C.
; Shah, Purvi
; TITLE OF INVENTION: HUMAN CORNICHON PROTEIN
; NUMBER OF SEQUENCES: 3
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: Incyte Pharmaceuticals, Inc.
; STREET: 3174 Porter Drive
; CITY: Palo Alto
; STATE: CA
; COUNTRY: USA
; ZIP: 94304
; COMPUTER READABLE FORM:
; MEDIUM TYPE: Diskette
; COMPUTER: IBM Compatible
; OPERATING SYSTEM: DCS
; SOFTWARE: FASTSEQ for Windows Version 2.0
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/10/044,477
; FILING DATE: 10-Jan-2002
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;
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: US/09/365,705
; FILING DATE: 02-Aug-1999
; APPLICATION NUMBER: US/08/950,168
; FILING DATE: 14-OCT-1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Billings, Lucy J.
; REGISTRATION NUMBER: 36,749
; REFERENCE/DOCKET NUMBER: PF-0401 US
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: 650-855-0355
; TELEFAX: 650-845-4166
; TELEX: <Unknown>
; INFORMATION FOR SEQ ID NO: 1:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 144 amino acids
; TYPE: amino acid
; STRANDEDNESS: single
; TOPOLOGY: linear
; IMMEDIATE SOURCE:
; LIBRARY: BLADNOT04
; CLONE: 1318847
; SEQUENCE DESCRIPTION: SEQ ID NO: 1:
US-10-044-477-1

Query Match 100.0%; Score 784; DB 13; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTAAFCYMLALLTLTAALIFFAWHIIAFBELKTDYKNPDIQNTLNPLVLPYLHA 60
Db 1 MAFTAAFCYMLALLTLTAALIFFAWHIIAFBELKTDYKNPDIQNTLNPLVLPYLHA 60

QY 61 FFCVMFLCAAEWLTGLNMLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120

QY 121 CKLAFLYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFLYLLAFFYLYGMIVLVSS 144

RESULT 57
US-10-227-884-120
; Sequence 120, Application US/10227884
; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC79
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: US/10/227,884
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
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1 PRIOR FILING DATE: 1997-10-31  
2 PRIOR APPLICATION NUMBER: 60/069873  
3 PRIOR FILING DATE: 1997-12-17  
4 PRIOR APPLICATION NUMBER: 60/078910  
5 PRIOR FILING DATE: 1998-03-20  
6 PRIOR APPLICATION NUMBER: 60/079294  
7 PRIOR FILING DATE: 1998-03-25  
8 PRIOR APPLICATION NUMBER: 60/079656  
9 PRIOR FILING DATE: 1998-03-26  
10 PRIOR APPLICATION NUMBER: 60/079728  
11 PRIOR FILING DATE: 1998-03-27  
12 PRIOR APPLICATION NUMBER: 60/081819  
13 PRIOR FILING DATE: 1998-04-15  
14 PRIOR APPLICATION NUMBER: 60/081955  
15 PRIOR FILING DATE: 1998-04-15  
16 PRIOR APPLICATION NUMBER: 60/082804  
17 PRIOR FILING DATE: 1998-04-22  
18 PRIOR APPLICATION NUMBER: 60/084441  
19 PRIOR FILING DATE: 1998-05-06  
20 PRIOR APPLICATION NUMBER: 60/085323  
21 PRIOR FILING DATE: 1998-05-13  
22 PRIOR APPLICATION NUMBER: 60/085579  
23 PRIOR FILING DATE: 1998-05-15  
24 PRIOR APPLICATION NUMBER: 60/086392  
25 PRIOR FILING DATE: 1998-05-22  
26 PRIOR APPLICATION NUMBER: 60/089532  
27 PRIOR FILING DATE: 1998-06-17  
28 PRIOR APPLICATION NUMBER: 60/089538  
29 PRIOR FILING DATE: 1998-06-17  
30 PRIOR APPLICATION NUMBER: 60/089905  
31 PRIOR FILING DATE: 1998-06-18  
32 PRIOR APPLICATION NUMBER: 60/090472  
33 PRIOR FILING DATE: 1998-06-24  
34 PRIOR APPLICATION NUMBER: 60/090557  
35 PRIOR FILING DATE: 1998-06-24  
36 PRIOR APPLICATION NUMBER: 60/090691  
37 PRIOR FILING DATE: 1998-06-25  
38 PRIOR APPLICATION NUMBER: 60/090695  
39 PRIOR FILING DATE: 1998-06-25  
40 PRIOR APPLICATION NUMBER: 60/091982  
41 PRIOR FILING DATE: 1998-07-07  
42 PRIOR APPLICATION NUMBER: 60/095302  
43 PRIOR FILING DATE: 1998-08-04  
44 PRIOR APPLICATION NUMBER: 60/095318  
45 PRIOR FILING DATE: 1998-08-04  
46 PRIOR APPLICATION NUMBER: 60/095916  
47 PRIOR FILING DATE: 1998-08-10  
48 PRIOR APPLICATION NUMBER: 60/096146  
49 PRIOR FILING DATE: 1998-08-11  
50 PRIOR APPLICATION NUMBER: 60/096791  
51 PRIOR FILING DATE: 1998-08-17  
52 PRIOR APPLICATION NUMBER: 60/097986  
53 PRIOR FILING DATE: 1998-08-26  
54 PRIOR APPLICATION NUMBER: 60/098544  
55 PRIOR FILING DATE: 1998-08-31  
56 PRIOR APPLICATION NUMBER: 60/099596  
57 PRIOR FILING DATE: 1998-09-09  
58 PRIOR APPLICATION NUMBER: 60/099598  
59 PRIOR FILING DATE: 1998-09-09  
60 PRIOR APPLICATION NUMBER: 60/099803  
61 PRIOR FILING DATE: 1998-09-10  
62 PRIOR APPLICATION NUMBER: 60/099811  
63 PRIOR FILING DATE: 1998-09-10  
64 PRIOR APPLICATION NUMBER: 60/099812  
65 PRIOR FILING DATE: 1998-09-10  
66 PRIOR APPLICATION NUMBER: 60/099816  
67 PRIOR FILING DATE: 1998-09-10  
68 PRIOR APPLICATION NUMBER: 60/100038  
69 PRIOR FILING DATE: 1998-09-11  
70 PRIOR APPLICATION NUMBER: 60/100385  
71 PRIOR FILING DATE: 1998-09-15  
72 PRIOR APPLICATION NUMBER: 60/100390  
73 PRIOR FILING DATE: 1998-09-15  
74 PRIOR APPLICATION NUMBER: 60/100627  
75 PRIOR FILING DATE: 1998-09-16  
76 PRIOR APPLICATION NUMBER: 60/100848  
77 PRIOR FILING DATE: 1998-09-18  
78 PRIOR APPLICATION NUMBER: 60/100919  
79 PRIOR FILING DATE: 1998-09-17  
80 PRIOR APPLICATION NUMBER: 60/101477  
81 PRIOR FILING DATE: 1998-09-23  
82 PRIOR APPLICATION NUMBER: 60/101738  
83 PRIOR FILING DATE: 1998-09-24  
84 PRIOR APPLICATION NUMBER: 60/101741  
85 PRIOR FILING DATE: 1998-09-24  
86 PRIOR APPLICATION NUMBER: 60/101786  
87 PRIOR FILING DATE: 1998-09-25  
88 PRIOR APPLICATION NUMBER: 60/101916  
89 PRIOR FILING DATE: 1998-09-24  
90 PRIOR APPLICATION NUMBER: 60/101922  
91 PRIOR FILING DATE: 1998-09-24  
92 PRIOR APPLICATION NUMBER: 60/106178  
93 PRIOR FILING DATE: 1998-10-28  
94 PRIOR APPLICATION NUMBER: 60/106248  
95 PRIOR FILING DATE: 1998-10-29  
96 PRIOR APPLICATION NUMBER: 60/106464  
97 PRIOR FILING DATE: 1998-10-30  
98 PRIOR APPLICATION NUMBER: 60/106905  
99 PRIOR FILING DATE: 1998-11-03  
100 PRIOR APPLICATION NUMBER: 60/108787  
101 PRIOR FILING DATE: 1998-11-17  
102 PRIOR APPLICATION NUMBER: 60/108801  
103 PRIOR FILING DATE: 1998-11-17  
104 PRIOR APPLICATION NUMBER: 60/108849  
105 PRIOR FILING DATE: 1998-11-18  
106 PRIOR APPLICATION NUMBER: 60/112422  
107 PRIOR FILING DATE: 1998-12-15  
108 PRIOR APPLICATION NUMBER: 60/113296  
109 PRIOR FILING DATE: 1998-12-22  
110 PRIOR APPLICATION NUMBER: 60/113605  
111 PRIOR FILING DATE: 1998-12-23  
112 PRIOR APPLICATION NUMBER: 60/113621  
113 PRIOR FILING DATE: 1998-12-23  
114 PRIOR APPLICATION NUMBER: 60/115558  
115 PRIOR FILING DATE: 1999-01-12  
116 PRIOR APPLICATION NUMBER: 60/115565  
117 PRIOR FILING DATE: 1999-01-12  
118 PRIOR APPLICATION NUMBER: 60/115733  
119 PRIOR FILING DATE: 1999-01-12  
120 PRIOR APPLICATION NUMBER: 60/119549  
121 PRIOR FILING DATE: 1999-02-10  
122 PRIOR APPLICATION NUMBER: 60/123618  
123 PRIOR FILING DATE: 1999-03-10  
124 PRIOR APPLICATION NUMBER: 60/125259  
125 PRIOR FILING DATE: 1999-03-19  
126 PRIOR APPLICATION NUMBER: 60/125775  
127 PRIOR FILING DATE: 1999-03-23  
128 PRIOR APPLICATION NUMBER: 60/126773  
129 PRIOR FILING DATE: 1999-03-29  
130 PRIOR APPLICATION NUMBER: 60/127887  
131 PRIOR FILING DATE: 1999-04-05  
132 PRIOR APPLICATION NUMBER: 60/130232  
133 PRIOR FILING DATE: 1999-04-21  
134 PRIOR APPLICATION NUMBER: 60/131022  
135 PRIOR FILING DATE: 1999-04-26  
136 PRIOR APPLICATION NUMBER: 60/131270  
137 PRIOR FILING DATE: 1999-04-27  
138 PRIOR APPLICATION NUMBER: 60/131291  
139 PRIOR FILING DATE: 1999-04-27  
140 PRIOR APPLICATION NUMBER: 60/131445  
141 PRIOR FILING DATE: 1999-04-28  
142 PRIOR APPLICATION NUMBER: 60/134287  
143 PRIOR FILING DATE: 1999-05-14  
144 PRIOR APPLICATION NUMBER: 60/140650  
145 PRIOR FILING DATE: 1999-06-22  
146 PRIOR APPLICATION NUMBER: 60/140723

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; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
   |||||
Db 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
   |||||

QY 61 FFCVMFLCAAELTGLNMPPELLAYHWRYSRPPVMSGPGLYDPTTNNADILAYCOKEGW 120
   |||||
Db 61 FFCVMFLCAAELTGLNMPPELLAYHWRYSRPPVMSGPGLYDPTTNNADILAYCOKEGW 120
   |||||

QY 121 CKLAFYLLAFYYLYGMYIVLVSS 144
   |||||
Db 121 CKLAFYLLAFYYLYGMYIVLVSS 144
   |||||

RESULT 59
US-10-230-338-120
; Sequence 120, Application US/10230338
; Publication No. US20030044934A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerriitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C92
; CURRENT APPLICATION NUMBER: US/10/230,338
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
   |||||
Db 1 MATFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
   |||||

QY 61 FFCVMFLCAAELTGLNMPPELLAYHWRYSRPPVMSGPGLYDPTTNNADILAYCOKEGW 120
   |||||
Db 61 FFCVMFLCAAELTGLNMPPELLAYHWRYSRPPVMSGPGLYDPTTNNADILAYCOKEGW 120
   |||||

QY 121 CKLAFYLLAFYYLYGMYIVLVSS 144
   |||||
Db 121 CKLAFYLLAFYYLYGMYIVLVSS 144
   |||||

RESULT 60
US-10-218-631-120
; Sequence 120, Application US/10218631
; Publication No. US20030045687A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerriitsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C14
; CURRENT APPLICATION NUMBER: US/10/218,631
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
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; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-218-631-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 61
US-10-017-081A-322
; Sequence 322, Application US/10017081A
; Publication No. US20030049684A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary B.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC69
; CURRENT APPLICATION NUMBER: US/10/017,081A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens

US-10-017-081A-322
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 62
US-10-230-414-120
; Sequence 120, Application US/10230414
; Publication No. US20030050448A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC98
; CURRENT APPLICATION NUMBER: US/10/230,414
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapien
US-10-230-414-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 63
US-10-017-754-327
; Sequence 327, Application US/10017754
; Publication No. US20030054363A1
; GENERAL INFORMATION:
; APPLICANT: Henderson, Robert A.
; APPLICANT: Wang, Tongtong
; APPLICANT: Watanabe, Yoshihiro
; APPLICANT: Johnson, Jeffrey C.
; APPLICANT: Retter, Marc W.
; APPLICANT: Marnerakis, Margarita
; APPLICANT: Carter, Darrick
; APPLICANT: Fanger, Gary R.
; APPLICANT: Vedvick, Thomas S.
; APPLICANT: Bangur, Chaitanya S.
; APPLICANT: McNabb, Andria
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY
; FILE REFERENCE: 210121.478C18
; CURRENT APPLICATION NUMBER: US/10/017,754
; CURRENT FILING DATE: 2001-10-29
; NUMBER OF SEQ ID NOS: 2004
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 327
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-754-327
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Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144
```

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RESULT 64
US-10-167-749-322
; Sequence 322, Application US/10167749
; Publication No. US20030056137A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
```

```
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C60
; CURRENT APPLICATION NUMBER: US/10/167,749
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-167-749-322
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Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144
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RESULT 65
US-10-013-921A-322
; Sequence 322, Application US/10013921A
; Publication No. US20030068648A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
```

APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC84  
CURRENT APPLICATION NUMBER: US/10/013,921A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
PRIOR APPLICATION NUMBER: 60/078004  
PRIOR FILING DATE: 1998-03-13  
PRIOR APPLICATION NUMBER: 60/078886  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078936  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079664  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079786  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079920  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/079923  
PRIOR FILING DATE: 1998-03-30  
PRIOR APPLICATION NUMBER: 60/080105  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080107  
PRIOR FILING DATE: 1998-03-31  
PRIOR APPLICATION NUMBER: 60/080165  
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PRIOR FILING DATE: 1998-04-01  
PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
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PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
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PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
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PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
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PRIOR FILING DATE: 1998-04-22  
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PRIOR APPLICATION NUMBER: 60/083495  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083496  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083499  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083545  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083554



; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083558  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083559  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083500  
; PRIOR FILING DATE: 1998-04-29  
; PRIOR APPLICATION NUMBER: 60/083742  
; PRIOR FILING DATE: 1998-04-30  
; PRIOR APPLICATION NUMBER: 60/084366  
; PRIOR FILING DATE: 1998-05-05  
; PRIOR APPLICATION NUMBER: 60/084414  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/084637  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084639  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084640  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084598  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084600  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084627  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/084643  
; PRIOR FILING DATE: 1998-05-07  
; PRIOR APPLICATION NUMBER: 60/085339  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085338  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085582  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085700  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085689  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085580  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
DB 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTIMNADILAYCQKEGW 120  
DB 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTIMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 66  
US-10-216-159A-120  
; Sequence 120, Application US/10216159A  
; Publication No. US20030069397A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C6  
; CURRENT APPLICATION NUMBER: US/10/216,159A  
; CURRENT FILING DATE: 2002-08-09  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-216-159A-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
DB 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTIMNADILAYCQKEGW 120  
DB 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTIMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 67  
US-10-013-929A-322  
; Sequence 322, Application US/10013929A  
; Publication No. US20030072745A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630PIC89  
CURRENT APPLICATION NUMBER: US/10/013,929A  
CURRENT FILING DATE: 2002-03-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
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PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
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PRIOR APPLICATION NUMBER: 60/078886  
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PRIOR APPLICATION NUMBER: 60/078936  
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PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/078939  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
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PRIOR APPLICATION NUMBER: 60/079689  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/079663  
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PRIOR APPLICATION NUMBER: 60/080327  
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PRIOR APPLICATION NUMBER: 60/083558  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500

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; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

Qy      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120

Qy      121  CKLAFYLLAFYYLYGMYIYLVSS 144
Db      121  CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 68
US-10-016-177A-322
; Sequence 322, Application US/10016177A
; Publication No. US2003007313A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon

; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

Qy      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120

Qy      121  CKLAFYLLAFYYLYGMYIYLVSS 144
Db      121  CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 69
US-10-218-849-120
; Sequence 120, Application US/10218849
; Publication No. US20030073814A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530FIC11
; CURRENT APPLICATION NUMBER: US/10/218,849
; CURRENT FILING DATE: 2002-08-12
; Prior Application removed - See File Wrapper or Palm

; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC90
; CURRENT APPLICATION NUMBER: US/10/016,177A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-016-177A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db      1  MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

Qy      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120

Qy      121  CKLAFYLLAFYYLYGMYIYLVSS 144
Db      121  CKLAFYLLAFYYLYGMYIYLVSS 144
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; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-849-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.6e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAIFFALWIIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||||
DB 1 MAFTFAFCYMLALLTAAIFFALWIIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||||

QY 61 FFCVFLCAAEWLTLGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCOKEGW 120
   |||||||
DB 61 FFCVFLCAAEWLTLGLNMPLLAYHIWYMRPVMGSLYDPTTMMADILAYCOKEGW 120
   |||||||

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||||
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||||

RESULT 70
US-10-227-873-120
; Sequence 120, Application US/10227873
; Publication No. US20030073816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C72
; CURRENT APPLICATION NUMBER: US/10/227,873
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred.No. 5.8e-78; Indels 0; Gaps 0;
Matches 144; Conservative 0; Mismatches 0;

QY      1  MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFVCMALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
      |||||||
QY      61  FFCVMFLCAAEMLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120
      |||||||
Db      61  FFCVMFLCAAEMLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMNADILAYCOKEGW 120
      |||||||
QY      121  CKLAFYLLAFFYLYXGMIVYLVSS 144
      |||||||
Db      121  CKLAFYLLAFFYLYXGMIVYLVSS 144
      |||||||

RESULT 71
US-10-227-883-120
; Sequence 120, Application US/10227883
; Publication No. US20030073817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530F1C78
; CURRENT APPLICATION NUMBER: US/10/227,883
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
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PRIOR FILING DATE:	1998-05-06
PRIOR APPLICATION NUMBER:	60/085323
PRIOR FILING DATE:	1998-05-13
PRIOR APPLICATION NUMBER:	60/085579
PRIOR FILING DATE:	1998-05-15
PRIOR APPLICATION NUMBER:	60/086392
PRIOR FILING DATE:	1998-05-22
PRIOR APPLICATION NUMBER:	60/089532
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089538
PRIOR FILING DATE:	1998-06-17
PRIOR APPLICATION NUMBER:	60/089905
PRIOR FILING DATE:	1998-06-18
PRIOR APPLICATION NUMBER:	60/090472
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090557
PRIOR FILING DATE:	1998-06-24
PRIOR APPLICATION NUMBER:	60/090691
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/090695
PRIOR FILING DATE:	1998-06-25
PRIOR APPLICATION NUMBER:	60/091982
PRIOR FILING DATE:	1998-07-07
PRIOR APPLICATION NUMBER:	60/095302
PRIOR FILING DATE:	1998-08-04
PRIOR APPLICATION NUMBER:	60/095318
PRIOR FILING DATE:	1998-08-04
PRIOR APPLICATION NUMBER:	60/095916
PRIOR FILING DATE:	1998-08-10
PRIOR APPLICATION NUMBER:	60/096146
PRIOR FILING DATE:	1998-08-11
PRIOR APPLICATION NUMBER:	60/096791
PRIOR FILING DATE:	1998-08-17
PRIOR APPLICATION NUMBER:	60/097986
PRIOR FILING DATE:	1998-08-26
PRIOR APPLICATION NUMBER:	60/098544
PRIOR FILING DATE:	1998-08-31
PRIOR APPLICATION NUMBER:	60/099596
PRIOR FILING DATE:	1998-09-09
PRIOR APPLICATION NUMBER:	60/099598
PRIOR FILING DATE:	1998-09-09
PRIOR APPLICATION NUMBER:	60/099803
PRIOR FILING DATE:	1998-09-10
PRIOR APPLICATION NUMBER:	60/099811
PRIOR FILING DATE:	1998-09-10
PRIOR APPLICATION NUMBER:	60/099812
PRIOR FILING DATE:	1998-09-10
PRIOR APPLICATION NUMBER:	60/099816
PRIOR FILING DATE:	1998-09-10
PRIOR APPLICATION NUMBER:	60/100038
PRIOR FILING DATE:	1998-09-11
PRIOR APPLICATION NUMBER:	60/100385
PRIOR FILING DATE:	1998-09-15
PRIOR APPLICATION NUMBER:	60/100390
PRIOR FILING DATE:	1998-09-15
PRIOR APPLICATION NUMBER:	60/100627
PRIOR FILING DATE:	1998-09-16
PRIOR APPLICATION NUMBER:	60/100848
PRIOR FILING DATE:	1998-09-18
PRIOR APPLICATION NUMBER:	60/100919
PRIOR FILING DATE:	1998-09-17
PRIOR APPLICATION NUMBER:	60/101477
PRIOR FILING DATE:	1998-09-23
PRIOR APPLICATION NUMBER:	60/101738
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101741
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101786
PRIOR FILING DATE:	1998-09-25
PRIOR APPLICATION NUMBER:	60/101916
PRIOR FILING DATE:	1998-09-24
PRIOR APPLICATION NUMBER:	60/101922
PRIOR FILING DATE:	1998-09-24

Tue Jun 15 08:30:07 2004

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; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFVCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MATFAAFVCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 72
US-10-219-076-120
; Sequence 120, Application US/10219076
; Publication No. US20030078379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C62
; CURRENT APPLICATION NUMBER: US/10/219,076
; PRIOR FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079810
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien

US-10-219-076-120
; Sequence 120, Application US/10230434
; Publication No. US20030078380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C82
; CURRENT APPLICATION NUMBER: US/10/230,434
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
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1	PRIOR APPLICATION NUMBER: 60/106900
2	PRIOR FILING DATE: 1998-11-03
3	PRIOR APPLICATION NUMBER: 60/108787
4	PRIOR FILING DATE: 1998-11-17
5	PRIOR APPLICATION NUMBER: 60/108801
6	PRIOR FILING DATE: 1998-11-17
7	PRIOR APPLICATION NUMBER: 60/108849
8	PRIOR FILING DATE: 1998-11-18
9	PRIOR APPLICATION NUMBER: 60/112422
10	PRIOR FILING DATE: 1998-12-15
11	PRIOR APPLICATION NUMBER: 60/113296
12	PRIOR FILING DATE: 1998-12-22
13	PRIOR APPLICATION NUMBER: 60/113605
14	PRIOR FILING DATE: 1998-12-23
15	PRIOR APPLICATION NUMBER: 60/113621
16	PRIOR FILING DATE: 1998-12-23
17	PRIOR APPLICATION NUMBER: 60/115558
18	PRIOR FILING DATE: 1999-01-12
19	PRIOR APPLICATION NUMBER: 60/115565
20	PRIOR FILING DATE: 1999-01-12
21	PRIOR APPLICATION NUMBER: 60/115733
22	PRIOR FILING DATE: 1999-01-12
23	PRIOR APPLICATION NUMBER: 60/119549
24	PRIOR FILING DATE: 1999-02-10
25	PRIOR APPLICATION NUMBER: 60/123618
26	PRIOR FILING DATE: 1999-03-10
27	PRIOR APPLICATION NUMBER: 60/125259
28	PRIOR FILING DATE: 1999-03-19
29	PRIOR APPLICATION NUMBER: 60/125775
30	PRIOR FILING DATE: 1999-03-23
31	PRIOR APPLICATION NUMBER: 60/126773
32	PRIOR FILING DATE: 1999-03-29
33	PRIOR APPLICATION NUMBER: 60/127887
34	PRIOR FILING DATE: 1999-04-05
35	PRIOR APPLICATION NUMBER: 60/130232
36	PRIOR FILING DATE: 1999-04-21
37	PRIOR APPLICATION NUMBER: 60/131022
38	PRIOR FILING DATE: 1999-04-26
39	PRIOR APPLICATION NUMBER: 60/131270
40	PRIOR FILING DATE: 1999-04-27
41	PRIOR APPLICATION NUMBER: 60/131291
42	PRIOR FILING DATE: 1999-04-27
43	PRIOR APPLICATION NUMBER: 60/131445
44	PRIOR FILING DATE: 1999-04-28
45	PRIOR APPLICATION NUMBER: 60/134287
46	PRIOR FILING DATE: 1999-05-14
47	PRIOR APPLICATION NUMBER: 60/140650
48	PRIOR FILING DATE: 1999-06-22
49	PRIOR APPLICATION NUMBER: 60/140723
50	PRIOR FILING DATE: 1999-06-22
51	PRIOR APPLICATION NUMBER: 60/141037
52	PRIOR FILING DATE: 1999-06-23
53	PRIOR APPLICATION NUMBER: 60/144758
54	PRIOR FILING DATE: 1999-07-20
55	PRIOR APPLICATION NUMBER: 60/145698
56	PRIOR FILING DATE: 1999-07-26
57	PRIOR APPLICATION NUMBER: 60/146222
58	PRIOR FILING DATE: 1999-07-28
59	PRIOR APPLICATION NUMBER: 60/146963
60	PRIOR FILING DATE: 1999-08-03
61	PRIOR APPLICATION NUMBER: 60/149320
62	PRIOR FILING DATE: 1999-08-17
63	PRIOR APPLICATION NUMBER: 60/149638
64	PRIOR FILING DATE: 1999-08-17
65	PRIOR APPLICATION NUMBER: 60/151733
66	PRIOR FILING DATE: 1999-08-31
67	PRIOR APPLICATION NUMBER: 60/164418
68	PRIOR FILING DATE: 1999-11-09
69	PRIOR APPLICATION NUMBER: 60/166361
70	PRIOR FILING DATE: 1999-11-16
71	PRIOR APPLICATION NUMBER: 60/169445
72	PRIOR FILING DATE: 1999-12-07
73	PRIOR APPLICATION NUMBER: 60/169495



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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPDIQCNLTNPLVPEYLHA 60
   |||||||
Db 1 MAFTFAFCYMLALLTAALIFFAIWHITAFDELKTDYKNPDIQCNLTNPLVPEYLHA 60
   |||||||

QY 61 FFCVMFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCQKGM 120
   |||||||
Db 61 FFCVMFLCAEMLTGLNPLLAYHWRVMSRPVMSGPLYDPTTMMNADILAYCQKGM 120
   |||||||

QY 121 CKLAFVLLAFFYLYGMIVLVSS 144
   |||||||
Db 121 CKLAFVLLAFFYLYGMIVLVSS 144
   |||||||

RESULT 74
US-10-219-003-120
; Sequence 120, Application US/10219003
; Publication No. US20030088063A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC12
; CURRENT APPLICATION NUMBER: US/10/219,003
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
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Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Qy	1	MAFTFAFCYMLALLTAALIFFAIIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA	60
Db	1	MAFTFAFCYMLALLTAALIFFAIIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA	60
Qy	61	PFCVMFLCAAEWLITGLNMPLLAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQEGW	120
Db	61	PFCVMFLCAAEWLITGLNMPLLAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQEGW	120
Qy	121	CKLAFYLLAFFYYLYGMYIVLVSS	144
Db	121	CKLAFYLLAFFYYLYGMYIVLVSS	144

RESULT 76  
US-10-219-464-120  
; Sequence 120, Application US/10219464  
; Publication No. US20030088065A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Garney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC57  
; CURRENT APPLICATION NUMBER: US/10/219,464  
; CURRENT FILING DATE: 2002-08-14  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 246

Db       61   PFCVWFCAAEWLTLGLNMP;LAXHWYMRPNRPMVSFGELYDPTTMMADILAYCQKEG 120

Qy       121   CKLAFYLIAFFYYLYGMIVLVSS 144  
          |||||  
Db       121   CKLAFYLIAFFYYLYGMIVLVSS 144  
          |||||

RESULT 77

US-10-219-466-120

; Sequence 120, Application US/10219466

; Publication No. US20030088066A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; TITLE OF INVENTION: ACIDS ENCODING THE SAME

; FILE REFERENCE: P3530P1C47

; CURRENT APPLICATION NUMBER: US/10/219,466

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; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PR1
; ORGANISM: Homo Sapien
US-10-219-464-120

Query Match          100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY      1  MATFFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
DB      1  MATFFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
QY      61  FFCVMFLCAEMLTGLGNMPLLYHVIWYASRPYMSGRGLYDPTTMMADILAYCQKEGW 120

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## RESULT 78

US-10-219-479-120  
; Sequence 120, Application US/10219479  
; Publication No. US20030088067A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C33  
; CURRENT APPLICATION NUMBER: US/10/219,479

; PRIOR FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-479-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKSGW 120  
Db 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 79

US-10-219-481-120  
; Sequence 120, Application US/10219481  
; Publication No. US20030088068A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C28  
; CURRENT APPLICATION NUMBER: US/10/219,481

; PRIOR FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-481-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKSGW 120  
Db 61 FFCVWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKSGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 80

US-10-230-260-120  
; Sequence 120, Application US/10230260  
; Publication No. US20030088070A1  
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.

```
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C83
; CURRENT APPLICATION NUMBER: US/10/230,260
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-260-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 81
US-10-232-231-120
; Sequence 120, Application US/10232231
; Publication No. US2003008071A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C104
; CURRENT APPLICATION NUMBER: US/10/232,231
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
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; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-231-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 82
US-10-232-233-120
; Sequence 120, Application US/10232233
; Publication No. US2003008072A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C108
; CURRENT APPLICATION NUMBER: US/10/232,233
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
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; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-233-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 83
US-10-216-165-120
; Sequence 120, Application US/10216165
; Publication No. US2003092886A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C7
; CURRENT APPLICATION NUMBER: US/10/216,165
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819

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; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-165-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 84
US-10-218-956-120
; Sequence 120, Application US/10218956
; Publication No. US20030092887A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C15
; CURRENT APPLICATION NUMBER: US/10/218,956
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819

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; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090691  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/093302  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095318  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095916  
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; PRIOR FILING DATE: 1998-08-11  
; PRIOR APPLICATION NUMBER: 60/096791  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/097986  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098544  
; PRIOR FILING DATE: 1998-08-31  
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; PRIOR FILING DATE: 1998-09-09  
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; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099811  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
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; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24

; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320

; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKGGW 120  
Db 61 FFCWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKGGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 85

US-10-219-468-120  
; Sequence 120, Application US/10219468  
; Publication No. US20030092888A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC34  
; CURRENT APPLICATION NUMBER: US/10/219,468  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-468-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKGGW 120  
Db 61 FFCWFLCAAEWLTGLNMLLAYHWRYSRPMVSGPLGYDPTTMMADILAYCQKGGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 86

US-10-219-478-120  
; Sequence 120, Application US/10219478  
; Publication No. US20030092889A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC30  
; CURRENT APPLICATION NUMBER: US/10/219,478  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-478-120



Db	1	MAFTFAAFCYMALALLTAAALFFAIWHIIIAFDELKTDYKQPIDQNTNLNVLPEVLIHA	60
Qy	61	FFCWFCLCAAEWLTGLGNWPLLAHYHWRYSRPPWMSGPGLYDPTTNADILAYCOKEG	120
Db	61	FCWFCLCAAEWLTGLGNWPLLAHYHWRYSRPPWMSGPGLYDPTTNADILAYCOKEG	120
Qy	121	CKLAFYLLAFFFYLYGMIVYLVS	144
Db	121	CKLAFYLLAFFFYLYGMIVYLVS	144

```

RESULT 86
US-10-233-205-120
; Sequence 120, Application US/10233205
; Publication No. US20030096362A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530F1C115
; CURRENT APPLICATION NUMBER: US/10/233,205
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-233-205-120

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1	MAFTEAAECYMLAIIITAAIIFFAIWHIIAFDELKTDYKNPDIQCNTLNPLVLPEYLIHA	60
QY		
1	MAFTFAACCYMLAIIITAAIIFFAIWHIIAFDELKTDYKNPDIQCNTLNPLVLPEYLIHA	60
Db		
61	FFCVNFLCAAEWLTLGLNPLLAYHIIWRYSRPMVSGPLYDPTTITMNAIIILAYCQKEGW	120
QY		
61	FFCVNFLCAAEWLTLGLNPLLAYHIIWRYSRPMVSGPLYDPTTITMNAIIILAYCQKEGW	120
Db		
121	CKLAFFYLLAFYYIYLGMYIYIVNS	144
QY		

Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 89

US-10-219-072-120  
; Sequence 120, Application US/10219072  
; Publication No. US20030096959A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C45  
; CURRENT APPLICATION NUMBER: US/10/219,072  
; CURRENT FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 120  
; LENGTH: 144

; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-072-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

Db 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120

Db 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 90

US-10-219-470-120  
; Sequence 120, Application US/10219470

; Publication No. US20030096960A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C59  
; CURRENT APPLICATION NUMBER: US/10/219,470  
; CURRENT FILING DATE: 2002-08-14

; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.  
; SEQ ID NO 120  
; LENGTH: 144

; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-470-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

Db 1 MAETFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120

Db 61 FFCVWFCAEWLTLGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

## RESULT 91

US-10-219-474-120  
; Sequence 120, Application US/10219474  
; Publication No. US20030096961A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.

```
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC36
; CURRENT APPLICATION NUMBER: US/10/219,474
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-474-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPMVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPMVMSGPGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

RESULT 92
US-10-219-524-120
; Sequence 120, Application US/10219524
; Publication No. US20030096962A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC68
; CURRENT APPLICATION NUMBER: US/10/219,528
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
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; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC37
; CURRENT APPLICATION NUMBER: US/10/219,524
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-524-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPMVMSGPGLYDPTTMMADILAYCQKEGW 120
Db 61 FFCVFLCAAEWLTLGLNPLLAYHWRVMSRPMVMSGPGLYDPTTMMADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144

RESULT 93
US-10-219-528-120
; Sequence 120, Application US/10219528
; Publication No. US20030096963A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC68
; CURRENT APPLICATION NUMBER: US/10/219,528
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
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; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-15
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60
Db 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLPYLIHA 60

QY 61 FFCWFLCAEWLTGLNPLLAYHINRYMSRPVMSGGLYDPTTINMADILAYCQEGW 120
Db 61 FFCWFLCAEWLTGLNPLLAYHINRYMSRPVMSGGLYDPTTINMADILAYCQEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 94
US-10-227-880-120
; Sequence 120, Application US/10227880
; Publication No. US20030096964A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC74
; CURRENT APPLICATION NUMBER: US/10/227,880
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
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; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849  
; PRIOR FILING DATE: 1998-11-18  
; PRIOR APPLICATION NUMBER: 60/112422  
; PRIOR FILING DATE: 1998-12-15  
; PRIOR APPLICATION NUMBER: 60/113296  
; PRIOR FILING DATE: 1998-12-22  
; PRIOR APPLICATION NUMBER: 60/113605  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/113621  
; PRIOR FILING DATE: 1998-12-23  
; PRIOR APPLICATION NUMBER: 60/115558  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115565  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/115733  
; PRIOR FILING DATE: 1999-01-12  
; PRIOR APPLICATION NUMBER: 60/119549  
; PRIOR FILING DATE: 1999-02-10  
; PRIOR APPLICATION NUMBER: 60/123618  
; PRIOR FILING DATE: 1999-03-10  
; PRIOR APPLICATION NUMBER: 60/125259  
; PRIOR FILING DATE: 1999-03-19  
; PRIOR APPLICATION NUMBER: 60/125775  
; PRIOR FILING DATE: 1999-03-23  
; PRIOR APPLICATION NUMBER: 60/126773  
; PRIOR FILING DATE: 1999-03-29  
; PRIOR APPLICATION NUMBER: 60/127887  
; PRIOR FILING DATE: 1999-04-05  
; PRIOR APPLICATION NUMBER: 60/130232  
; PRIOR FILING DATE: 1999-04-21  
; PRIOR APPLICATION NUMBER: 60/131022  
; PRIOR FILING DATE: 1999-04-26  
; PRIOR APPLICATION NUMBER: 60/131270  
; PRIOR FILING DATE: 1999-04-27  
; PRIOR APPLICATION NUMBER: 60/131291  
; PRIOR FILING DATE: 1999-04-27

; PRIOR APPLICATION NUMBER: 60/131445  
; PRIOR FILING DATE: 1999-04-28  
; PRIOR APPLICATION NUMBER: 60/134287  
; PRIOR FILING DATE: 1999-05-14  
; PRIOR APPLICATION NUMBER: 60/140650  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/140723  
; PRIOR FILING DATE: 1999-06-22  
; PRIOR APPLICATION NUMBER: 60/141037  
; PRIOR FILING DATE: 1999-06-23  
; PRIOR APPLICATION NUMBER: 60/144758  
; PRIOR FILING DATE: 1999-07-20  
; PRIOR APPLICATION NUMBER: 60/145698  
; PRIOR FILING DATE: 1999-07-26  
; PRIOR APPLICATION NUMBER: 60/146222  
; PRIOR FILING DATE: 1999-07-28  
; PRIOR APPLICATION NUMBER: 60/146963  
; PRIOR FILING DATE: 1999-08-03  
; PRIOR APPLICATION NUMBER: 60/149320  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/149638  
; PRIOR FILING DATE: 1999-08-17  
; PRIOR APPLICATION NUMBER: 60/151733  
; PRIOR FILING DATE: 1999-08-31  
; PRIOR APPLICATION NUMBER: 60/164418  
; PRIOR FILING DATE: 1999-11-09  
; PRIOR APPLICATION NUMBER: 60/166361  
; PRIOR FILING DATE: 1999-11-16  
; PRIOR APPLICATION NUMBER: 60/169445  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169495  
; PRIOR FILING DATE: 1999-12-07  
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTLTAALFFAIWHIIADELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
DB 1 MAFTFAAFYMLALLTLTAALFFAIWHIIADELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
QY 61 FPCVMFLCAAEWLTGLNMPILAYHIWYMRPVMSPGLYDPTTIMNADILAYCQKEGW 120  
DB 61 FPCVMFLCAAEWLTGLNMPILAYHIWYMRPVMSPGLYDPTTIMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 95

US-10-227-881-120  
; Sequence 120, Application US/10227881  
; Publication No. US20030096965A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC80  
; CURRENT APPLICATION NUMBER: US/10/227,881  
; CURRENT FILING DATE: 2002-08-26  
; PRIOR APPLICATION NUMBER: 10/119,480



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; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIHIIAFDELKTDYKPNPQCNLTNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALFFAIHIIAFDELKTDYKPNPQCNLTNPLVPEYLHA 60

QY 61 FFCVMEFCAAEWLTGLNMLLAYHIIWYMSRPVMSGPGLYDPTTNNADILAYCQEGW 120
Db 61 FFCVMEFCAAEWLTGLNMLLAYHIIWYMSRPVMSGPGLYDPTTNNADILAYCQEGW 120

QY 121 CKLAFYLLAFYYLYDGYMYVLVSS 144
Db 121 CKLAFYLLAFYYLYDGYMYVLVSS 144

RESULT 96
US-10-227-882-120
; Sequence 120, Application US/10227882
; Publication No. US2003009666A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin I.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C81
; CURRENT APPLICATION NUMBER: US/10/227.882
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 60/095113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/093302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
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US/10-230-436-120
; Sequence 120, Application US/10230436
; Publication No. US20030096967A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TR
; TITLE OF INVENTION: ACIDS ENCODING
; FILE REFERENCE: P3530F1C97
; CURRENT APPLICATION NUMBER: US/10/23

```

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; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-223-120

Query Match          100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0

QY 1 MAFTFAACYMLALLTAAIFFAIWHIIIAFDELUKTYKPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAACYMLALLTAAIFFAIWHIIIAFDELUKTYKPIDQCNLTNPLVLPYLIHA 60
QY 61 FFCVWFLCAAEWLTGLNKPILLAYHIWYKSRPWSGPGLYDPTTINNAIILAYCCKEGW 120
Db 61 FFCVWFLCAAEWLTGLNKPILLAYHIWYKSRPWSGPGLYDPTTINNAIILAYCCKEGW 120
QY 121 CKLAFYLLAFFYLYGMITYLVSS 144
Db 121 CKLAFYLLAFFYLYGMITYLVSS 144

RESULT 99
US-10-232-225-120
; Sequence 120, Application US/10232225
; Publication NO. US20030096969A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C107
; CURRENT APPLICATION NUMBER: US/10/232,225
; CURRENT FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910

```

```
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-225-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLTAALFFAIFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
Qy 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120
Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 100
US-10-232-227-120
; Sequence 120, Application US/10232227
; Publication No. US20030096970A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C109
; CURRENT APPLICATION NUMBER: US/10/232,227
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-229-120

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-227-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLTAALFFAIFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIFFAIWHIIAPDELKTDYKNPIDQNTLNPLVLYLIHA 60
Qy 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTLGLNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCOKEGW 120
Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 100
US-10-232-227-120
; Sequence 120, Application US/10232227
; Publication No. US20030096970A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C109
; CURRENT APPLICATION NUMBER: US/10/232,227
; PRIOR FILING DATE: 2002-08-29
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-232-229-120
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```
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0
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QY	1	MAFTFAFCYMLALITLTAALFFFAIWHIIA	DELKTDYKNP	TDQNTNPLVL	PYVL	IHA	60
Db	1	MAFTFAFCYMLALITLTAALFFFAIWHIIA	DELKTDYKNP	TDQNTNPLVL	PYVL	IHA	60
QY	61	FFCYMFTCAAEWLITGLNMPLLAYHIWRYMR	PVMSGGLYDPTT	IMNADILAY	CQKSGW	120	
Db	61	FFCYMFTCAAEWLITGLNMPLLAYHIWRYMR	PVMSGGLYDPTT	IMNADILAY	CQKSGW	120	
QY	121	CKLAFYLIAFFYYLGYMYVLVSS	144				
Db	121	CKLAFYLIAFFYYLGYMYVLVSS	144				

RESULT 102

US-10-232-234-120

Sequence 120, Application US/10232234

Publication No. US2003009672A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc

APPLICANT: Gerritsen, Mary

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stephan, Jean-Philippe F.

APPLICANT: Watanabe, Colin L.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144: Conservative 0; Mismatches 0; Indels 0; Gaps 0;

1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTINPLVPEYLHA 60

1 PRIOR FILING DATE: 1998-06-24  
2 PRIOR APPLICATION NUMBER: 60/090557  
3 PRIOR FILING DATE: 1998-06-24  
4 PRIOR APPLICATION NUMBER: 60/090591  
5 PRIOR FILING DATE: 1998-06-25  
6 PRIOR APPLICATION NUMBER: 60/090695  
7 PRIOR FILING DATE: 1998-06-25  
8 PRIOR APPLICATION NUMBER: 60/091982  
9 PRIOR FILING DATE: 1998-07-07  
10 PRIOR APPLICATION NUMBER: 60/095302  
11 PRIOR FILING DATE: 1998-08-04  
12 PRIOR APPLICATION NUMBER: 60/095318  
13 PRIOR FILING DATE: 1998-08-04  
14 PRIOR APPLICATION NUMBER: 60/095916  
15 PRIOR FILING DATE: 1998-08-10  
16 PRIOR APPLICATION NUMBER: 60/096146  
17 PRIOR FILING DATE: 1998-08-11  
18 PRIOR APPLICATION NUMBER: 60/096791  
19 PRIOR FILING DATE: 1998-08-17  
20 PRIOR APPLICATION NUMBER: 60/097986  
21 PRIOR FILING DATE: 1998-08-26  
22 PRIOR APPLICATION NUMBER: 60/098544  
23 PRIOR FILING DATE: 1998-08-31  
24 PRIOR APPLICATION NUMBER: 60/099596  
25 PRIOR FILING DATE: 1998-09-09  
26 PRIOR APPLICATION NUMBER: 60/099598  
27 PRIOR FILING DATE: 1998-09-09  
28 PRIOR APPLICATION NUMBER: 60/099803  
29 PRIOR FILING DATE: 1998-09-10  
30 PRIOR APPLICATION NUMBER: 60/099811  
31 PRIOR FILING DATE: 1998-09-10  
32 PRIOR APPLICATION NUMBER: 60/099812  
33 PRIOR FILING DATE: 1998-09-10  
34 PRIOR APPLICATION NUMBER: 60/099816  
35 PRIOR FILING DATE: 1998-09-10  
36 PRIOR APPLICATION NUMBER: 60/100038  
37 PRIOR FILING DATE: 1998-09-11  
38 PRIOR APPLICATION NUMBER: 60/100385  
39 PRIOR FILING DATE: 1998-09-15  
40 PRIOR APPLICATION NUMBER: 60/100390  
41 PRIOR FILING DATE: 1998-09-15  
42 PRIOR APPLICATION NUMBER: 60/100627  
43 PRIOR FILING DATE: 1998-09-16  
44 PRIOR APPLICATION NUMBER: 60/100848  
45 PRIOR FILING DATE: 1998-09-18  
46 PRIOR APPLICATION NUMBER: 60/100919  
47 PRIOR FILING DATE: 1998-09-17  
48 PRIOR APPLICATION NUMBER: 60/101477  
49 PRIOR FILING DATE: 1998-09-23  
50 PRIOR APPLICATION NUMBER: 60/101738  
51 PRIOR FILING DATE: 1998-09-24  
52 PRIOR APPLICATION NUMBER: 60/101741  
53 PRIOR FILING DATE: 1998-09-24  
54 PRIOR APPLICATION NUMBER: 60/101786  
55 PRIOR FILING DATE: 1998-09-25  
56 PRIOR APPLICATION NUMBER: 60/101916  
57 PRIOR FILING DATE: 1998-09-24  
58 PRIOR APPLICATION NUMBER: 60/101922  
59 PRIOR FILING DATE: 1998-09-24  
60 PRIOR APPLICATION NUMBER: 60/106178  
61 PRIOR FILING DATE: 1998-10-28  
62 PRIOR APPLICATION NUMBER: 60/106248  
63 PRIOR FILING DATE: 1998-10-29  
64 PRIOR APPLICATION NUMBER: 60/106464  
65 PRIOR FILING DATE: 1998-10-30  
66 PRIOR APPLICATION NUMBER: 60/106905  
67 PRIOR FILING DATE: 1998-11-03  
68 PRIOR APPLICATION NUMBER: 60/108787  
69 PRIOR FILING DATE: 1998-11-17  
70 PRIOR APPLICATION NUMBER: 60/108801  
71 PRIOR FILING DATE: 1998-11-17  
72 PRIOR APPLICATION NUMBER: 60/108849  
73 PRIOR FILING DATE: 1998-11-18

74 PRIOR APPLICATION NUMBER: 60/112422  
75 PRIOR FILING DATE: 1998-12-15  
76 PRIOR APPLICATION NUMBER: 60/113296  
77 PRIOR FILING DATE: 1998-12-22  
78 PRIOR APPLICATION NUMBER: 60/113605  
79 PRIOR FILING DATE: 1998-12-23  
80 PRIOR APPLICATION NUMBER: 60/113621  
81 PRIOR FILING DATE: 1998-12-23  
82 PRIOR APPLICATION NUMBER: 60/115558  
83 PRIOR FILING DATE: 1999-01-12  
84 PRIOR APPLICATION NUMBER: 60/115565  
85 PRIOR FILING DATE: 1999-01-12  
86 PRIOR APPLICATION NUMBER: 60/115733  
87 PRIOR FILING DATE: 1999-01-12  
88 PRIOR APPLICATION NUMBER: 60/119549  
89 PRIOR FILING DATE: 1999-02-10  
90 PRIOR APPLICATION NUMBER: 60/123618  
91 PRIOR FILING DATE: 1999-03-10  
92 PRIOR APPLICATION NUMBER: 60/125259  
93 PRIOR FILING DATE: 1999-03-19  
94 PRIOR APPLICATION NUMBER: 60/125775  
95 PRIOR FILING DATE: 1999-03-23  
96 PRIOR APPLICATION NUMBER: 60/126773  
97 PRIOR FILING DATE: 1999-03-29  
98 PRIOR APPLICATION NUMBER: 60/127887  
99 PRIOR FILING DATE: 1999-04-05  
100 PRIOR APPLICATION NUMBER: 60/130232  
101 PRIOR FILING DATE: 1999-04-21  
102 PRIOR APPLICATION NUMBER: 60/131022  
103 PRIOR FILING DATE: 1999-04-26  
104 PRIOR APPLICATION NUMBER: 60/131270  
105 PRIOR FILING DATE: 1999-04-27  
106 PRIOR APPLICATION NUMBER: 60/131291  
107 PRIOR FILING DATE: 1999-04-27  
108 PRIOR APPLICATION NUMBER: 60/131445  
109 PRIOR FILING DATE: 1999-04-28  
110 PRIOR APPLICATION NUMBER: 60/134287  
111 PRIOR FILING DATE: 1999-05-14  
112 PRIOR APPLICATION NUMBER: 60/140650  
113 PRIOR FILING DATE: 1999-06-22  
114 PRIOR APPLICATION NUMBER: 60/140723  
115 PRIOR FILING DATE: 1999-06-22  
116 PRIOR APPLICATION NUMBER: 60/141037  
117 PRIOR FILING DATE: 1999-06-23  
118 PRIOR APPLICATION NUMBER: 60/144758  
119 PRIOR FILING DATE: 1999-07-20  
120 PRIOR APPLICATION NUMBER: 60/145698  
121 PRIOR FILING DATE: 1999-07-26  
122 PRIOR APPLICATION NUMBER: 60/146222  
123 PRIOR FILING DATE: 1999-07-28  
124 PRIOR APPLICATION NUMBER: 60/146963  
125 PRIOR FILING DATE: 1999-08-03  
126 PRIOR APPLICATION NUMBER: 60/149320  
127 PRIOR FILING DATE: 1999-08-17  
128 PRIOR APPLICATION NUMBER: 60/149638  
129 PRIOR FILING DATE: 1999-08-17  
130 PRIOR APPLICATION NUMBER: 60/151733  
131 PRIOR FILING DATE: 1999-08-31  
132 PRIOR APPLICATION NUMBER: 60/164418  
133 PRIOR FILING DATE: 1999-11-09  
134 PRIOR APPLICATION NUMBER: 60/166361  
135 PRIOR FILING DATE: 1999-11-16  
136 PRIOR APPLICATION NUMBER: 60/169445  
137 PRIOR FILING DATE: 1999-12-07  
138 PRIOR APPLICATION NUMBER: 60/169495  
139 PRIOR FILING DATE: 1999-12-07  
140 PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVYMLALLTAAALFFAIWHIAFDKLTDFYKFNIDQNTINPLVLPYLIHA 60

Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 104

US-10-223-085-2  
; Sequence 2, Application US/10223085  
; Publication No. US20030100497A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Masters, Scot A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P3235PIC10  
; CURRENT APPLICATION NUMBER: US 10/223,085  
; CURRENT FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; PRIOR FILING DATE: 2000-08-24  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-085-2

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 105

US-10-216-160-120  
; Sequence 120, Application US/10216160  
; Publication No. US20030100708A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME  
; FILE REFERENCE: P3530PIC8  
; CURRENT APPLICATION NUMBER: US/10/216,160  
; CURRENT FILING DATE: 2002-08-09  
; Prior Application removed - See File Wrapper or Palm  
; NUMBER OF SEQ ID NOS: 245  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-216-160-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCOKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 106

US-10-216-162-120  
; Sequence 120, Application US/10216162  
; Publication No. US20030100709A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; TITLE OF INVENTION: ACIDS ENCODING THE SAME

```

; FILE REFERENCE: P3530PIC2
; CURRENT APPLICATION NUMBER: US/10/216,162
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-216-162-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
      |||
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
      |||

QY      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
      |||
Db      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
      |||

QY      121  CKLAFYLLAFYYLYGMIYLVSS 144
      |||
Db      121  CKLAFYLLAFYYLYGMIYLVSS 144
      |||

RESULT 107
US-10-216-164-120
; Sequence 120, Application US/10216164
; Publication No. US20030100710A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC2
; CURRENT APPLICATION NUMBER: US/10/216,164
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873

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; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
; US-10-216-164-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
      |||
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLHA 60
      |||

QY      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
      |||
Db      61  FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINNADILAYCQEGW 120
      |||

QY      121  CKLAFYLLAFYYLYGMIYLVSS 144
      |||
Db      121  CKLAFYLLAFYYLYGMIYLVSS 144
      |||

RESULT 108
US-10-216-167-120
; Sequence 120, Application US/10216167
; Publication No. US20030100711A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC4
; CURRENT APPLICATION NUMBER: US/10/216,167
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873

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[illegible][illegible]

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 113

US-10-219-077-120  
; Sequence 120, Application US/10219077  
; Publication No. US20030100716A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC53  
; CURRENT APPLICATION NUMBER: US/10/219,077  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-077-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVWFCAEWLTGLNMPLLAYHWRVMSRPMVSGPLGYDPTTINADILAYCQKEG 120  
Db 61 FFCVWFCAEWLTGLNMPLLAYHWRVMSRPMVSGPLGYDPTTINADILAYCQKEG 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 114

US-10-219-465-120  
; Sequence 120, Application US/10219465  
; Publication No. US20030100717A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC50  
; CURRENT APPLICATION NUMBER: US/10/219,465  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-465-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVWFCAEWLTGLNMPLLAYHWRVMSRPMVSGPLGYDPTTINADILAYCQKEG 120  
Db 61 FFCVWFCAEWLTGLNMPLLAYHWRVMSRPMVSGPLGYDPTTINADILAYCQKEG 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

## RESULT 115

US-10-219-467-120  
; Sequence 120, Application US/10219467  
; Publication No. US20030100718A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary



; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-471-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCKEGW 120

QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 118  
US-10-219-473-120  
; Sequence 120, Application US/10219473  
; Publication No. US20030100721A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C35  
; CURRENT APPLICATION NUMBER: US/10/219,473  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-473-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCKEGW 120

QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 119  
US-10-219-476-120  
; Sequence 120, Application US/10219476  
; Publication No. US20030100722A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530P1C26  
; CURRENT APPLICATION NUMBER: US/10/219,476  
; PRIOR FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294

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/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ US-10-219-476-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
   |||||
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
   |||||
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||

RESULT 120
US-10-219-482-120
/ Sequence 120, Application US/10219482
/ Publication No. US20030100723A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin I.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530PIC64
/ CURRENT APPLICATION NUMBER: US/10/219,482
/ PRIOR FILING DATE: 2002-08-13
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/081819
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/082804
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/085323
/ NUMBER OF SEQ ID NOS: 246
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/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
/ US-10-219-482-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
   |||||
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
   |||||
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
   |||||
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
   |||||

RESULT 121
US-10-227-874-120
/ Sequence 120, Application US/10227874
/ Publication No. US20030100724A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin I.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530PIC77
/ CURRENT APPLICATION NUMBER: US/10/227,874
/ PRIOR FILING DATE: 2002-08-26
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ PRIOR APPLICATION NUMBER: 60/081819
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/082804
/ PRIOR FILING DATE: 1998-04-22
/ PRIOR APPLICATION NUMBER: 60/084441
/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/085323
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PRIOR APPLICATION NUMBER: 60/156248	PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464	PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905	PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/158787	PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/158801	PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108849	PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422	PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/13296	PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605	PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113622	PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115558	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115565	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115733	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119549	PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/123618	PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259	PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 60/125775	PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773	PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127887	PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232	PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022	PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445	PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 60/134287	PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/140650	PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140723	PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/141037	PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/144758	PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698	PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/146222	PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 60/146963	PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/149320	PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149638	PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/151733	PRIOR FILING DATE: 1999-08-31
PRIOR APPLICATION NUMBER: 60/164418	PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/166361	

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; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAACFMALLLTAAALFFAIWHLIAFDELKTDYKPNIDQCNLTNPLVLPYLIHA 60
        |||||||
Db      1  MAFTFAACFMALLLTAAALFFAIWHLIAFDELKTDYKPNIDQCNLTNPLVLPYLIHA 60
        |||||||

Qy      61  FFCVNFCAEWLTGLNPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCQKEGW 120
        |||||||
Db      61  FFCVNFCAEWLTGLNPLLAYHIWYMRPVMGSLYDPTTMMNADILAYCQKEGW 120
        |||||||

Qy      121  CKLAFYLLAFFYLYLXGMYLVVSS 144
        |||||||
Db      121  CKLAFYLLAFFYLYLXGMYLVVSS 144
        |||||||

RESULT 122
US-10-227-876-120
; Sequence 120, Application US/10227876
; Publication No. US20030100725A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC73
; CURRENT APPLICATION NUMBER: US/10/227,876
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
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; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09

; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELTAKTYKNPIDQCNTPNPLVLYLHA 60
   |||||
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELTAKTYKNPIDQCNTPNPLVLYLHA 60
   |||||
QY 61 FFCVWFLCAAEWLTLGLNMPLLAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQEGW 120
   |||||
Db 61 FFCVWFLCAAEWLTLGLNMPLLAYHIWYMSRPVMSGPGLYDPTTIMNADILAYCQEGW 120
   |||||
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||

RESULT 123
US-10-227-878-120
; Sequence 120, Application US/10227878
; Publication No. US20030100726A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C76
; CURRENT APPLICATION NUMBER: US/10/227,878
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
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1	PRIOR FILING DATE:	1998-05-06
2	PRIOR APPLICATION NUMBER:	60/085323
3	PRIOR FILING DATE:	1998-05-13
4	PRIOR APPLICATION NUMBER:	60/085579
5	PRIOR FILING DATE:	1998-05-15
6	PRIOR APPLICATION NUMBER:	60/086392
7	PRIOR FILING DATE:	1998-05-22
8	PRIOR APPLICATION NUMBER:	60/089532
9	PRIOR FILING DATE:	1998-06-17
10	PRIOR APPLICATION NUMBER:	60/089538
11	PRIOR FILING DATE:	1998-06-17
12	PRIOR APPLICATION NUMBER:	60/089905
13	PRIOR FILING DATE:	1998-06-18
14	PRIOR APPLICATION NUMBER:	60/090472
15	PRIOR FILING DATE:	1998-06-24
16	PRIOR APPLICATION NUMBER:	60/090557
17	PRIOR FILING DATE:	1998-06-24
18	PRIOR APPLICATION NUMBER:	60/090691
19	PRIOR FILING DATE:	1998-06-25
20	PRIOR APPLICATION NUMBER:	60/090695
21	PRIOR FILING DATE:	1998-06-25
22	PRIOR APPLICATION NUMBER:	60/091982
23	PRIOR FILING DATE:	1998-07-07
24	PRIOR APPLICATION NUMBER:	60/095302
25	PRIOR FILING DATE:	1998-08-04
26	PRIOR APPLICATION NUMBER:	60/095318
27	PRIOR FILING DATE:	1998-08-04
28	PRIOR APPLICATION NUMBER:	60/095916
29	PRIOR FILING DATE:	1998-08-10
30	PRIOR APPLICATION NUMBER:	60/096146
31	PRIOR FILING DATE:	1998-08-11
32	PRIOR APPLICATION NUMBER:	60/096791
33	PRIOR FILING DATE:	1998-08-17
34	PRIOR APPLICATION NUMBER:	60/097986
35	PRIOR FILING DATE:	1998-08-26
36	PRIOR APPLICATION NUMBER:	60/098544
37	PRIOR FILING DATE:	1998-08-31
38	PRIOR APPLICATION NUMBER:	60/099596
39	PRIOR FILING DATE:	1998-09-09
40	PRIOR APPLICATION NUMBER:	60/099598
41	PRIOR FILING DATE:	1998-09-09
42	PRIOR APPLICATION NUMBER:	60/099803
43	PRIOR FILING DATE:	1998-09-10
44	PRIOR APPLICATION NUMBER:	60/099811
45	PRIOR FILING DATE:	1998-09-10
46	PRIOR APPLICATION NUMBER:	60/099812
47	PRIOR FILING DATE:	1998-09-10
48	PRIOR APPLICATION NUMBER:	60/099816
49	PRIOR FILING DATE:	1998-09-10
50	PRIOR APPLICATION NUMBER:	60/100038
51	PRIOR FILING DATE:	1998-09-11
52	PRIOR APPLICATION NUMBER:	60/100385
53	PRIOR FILING DATE:	1998-09-15
54	PRIOR APPLICATION NUMBER:	60/100390
55	PRIOR FILING DATE:	1998-09-15
56	PRIOR APPLICATION NUMBER:	60/100627
57	PRIOR FILING DATE:	1998-09-16
58	PRIOR APPLICATION NUMBER:	60/100848
59	PRIOR FILING DATE:	1998-09-18
60	PRIOR APPLICATION NUMBER:	60/100919
61	PRIOR FILING DATE:	1998-09-17
62	PRIOR APPLICATION NUMBER:	60/101477
63	PRIOR FILING DATE:	1998-09-23
64	PRIOR APPLICATION NUMBER:	60/101738
65	PRIOR FILING DATE:	1998-09-24
66	PRIOR APPLICATION NUMBER:	60/101741
67	PRIOR FILING DATE:	1998-09-24
68	PRIOR APPLICATION NUMBER:	60/101786
69	PRIOR FILING DATE:	1998-09-25
70	PRIOR APPLICATION NUMBER:	60/101916
71	PRIOR FILING DATE:	1998-09-24
72	PRIOR APPLICATION NUMBER:	60/101922
73	PRIOR FILING DATE:	1998-09-24

```
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
```

```
RESULT 124
US-10-229-974-120
; Sequence 120, Application US/10229974
; Publication No. US20030100727A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C91
; CURRENT APPLICATION NUMBER: US/10/229,974
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
```

```
US-10-229-974-120
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVWFLCAAEWLTGLNMPLELLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 125
US-10-230-024-120
; Sequence 120, Application US/10230024
; Publication No. US20030100728A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C89
; CURRENT APPLICATION NUMBER: US/10/230,024
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
```

```
US-10-230-024-120
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
```

Db 1 MAFTFAAFYLLALTLALIFAFIWHIIAFDELKTDYKRPIDQCNTLNPVLPEYLIIHA 60  
QY 61 FFCVFLCAAEMLTLGLNMLLAYHILWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120  
Db 61 FFCVFLCAAEMLTLGLNMLLAYHILWYMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120  
QY 121 CKLAFVLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFVLLAFFYLYGMIVLVSS 144

RESULT 126  
US-10-230-113-120  
; Sequence 120, Application US/10230113  
; Publication No. US20030100729A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC95  
; CURRENT APPLICATION NUMBER: US/10/230,113  
; CURRENT FILING DATE: 2002-08-28  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; PRIOR APPLICATION NUMBER: 60/081819  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/081955  
; PRIOR FILING DATE: 1998-04-15  
; PRIOR APPLICATION NUMBER: 60/082804  
; PRIOR FILING DATE: 1998-04-22  
; PRIOR APPLICATION NUMBER: 60/084441  
; PRIOR FILING DATE: 1998-05-06  
; PRIOR APPLICATION NUMBER: 60/085323  
; PRIOR FILING DATE: 1998-05-13  
; PRIOR APPLICATION NUMBER: 60/085579  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/086392  
; PRIOR FILING DATE: 1998-05-22  
; PRIOR APPLICATION NUMBER: 60/089532  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089538  
; PRIOR FILING DATE: 1998-06-17  
; PRIOR APPLICATION NUMBER: 60/089905  
; PRIOR FILING DATE: 1998-06-18  
; PRIOR APPLICATION NUMBER: 60/090472  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090557  
; PRIOR FILING DATE: 1998-06-24  
; PRIOR APPLICATION NUMBER: 60/090691  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/090695  
; PRIOR FILING DATE: 1998-06-25  
; PRIOR APPLICATION NUMBER: 60/091982  
; PRIOR FILING DATE: 1998-07-07  
; PRIOR APPLICATION NUMBER: 60/095302  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095318  
; PRIOR FILING DATE: 1998-08-04  
; PRIOR APPLICATION NUMBER: 60/095916  
; PRIOR FILING DATE: 1998-08-10  
; PRIOR APPLICATION NUMBER: 60/096146  
; PRIOR FILING DATE: 1998-08-11  
; PRIOR APPLICATION NUMBER: 60/096791  
; PRIOR FILING DATE: 1998-08-17  
; PRIOR APPLICATION NUMBER: 60/097986  
; PRIOR FILING DATE: 1998-08-26  
; PRIOR APPLICATION NUMBER: 60/098544  
; PRIOR FILING DATE: 1998-08-31  
; PRIOR APPLICATION NUMBER: 60/099596  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099598  
; PRIOR FILING DATE: 1998-09-09  
; PRIOR APPLICATION NUMBER: 60/099803  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099811  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099812  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/099816  
; PRIOR FILING DATE: 1998-09-10  
; PRIOR APPLICATION NUMBER: 60/100038  
; PRIOR FILING DATE: 1998-09-11  
; PRIOR APPLICATION NUMBER: 60/100385  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100390  
; PRIOR FILING DATE: 1998-09-15  
; PRIOR APPLICATION NUMBER: 60/100627  
; PRIOR FILING DATE: 1998-09-16  
; PRIOR APPLICATION NUMBER: 60/100848  
; PRIOR FILING DATE: 1998-09-18  
; PRIOR APPLICATION NUMBER: 60/100919  
; PRIOR FILING DATE: 1998-09-17  
; PRIOR APPLICATION NUMBER: 60/101477  
; PRIOR FILING DATE: 1998-09-23  
; PRIOR APPLICATION NUMBER: 60/101738  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101741  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101786  
; PRIOR FILING DATE: 1998-09-25  
; PRIOR APPLICATION NUMBER: 60/101916  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/101922  
; PRIOR FILING DATE: 1998-09-24  
; PRIOR APPLICATION NUMBER: 60/106178  
; PRIOR FILING DATE: 1998-10-28  
; PRIOR APPLICATION NUMBER: 60/106248  
; PRIOR FILING DATE: 1998-10-29  
; PRIOR APPLICATION NUMBER: 60/106464  
; PRIOR FILING DATE: 1998-10-30  
; PRIOR APPLICATION NUMBER: 60/106905  
; PRIOR FILING DATE: 1998-11-03  
; PRIOR APPLICATION NUMBER: 60/108787  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108801  
; PRIOR FILING DATE: 1998-11-17  
; PRIOR APPLICATION NUMBER: 60/108849

```
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0
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	Query Match	100.0%	Score 784	DB 14	Length 144
	Best Local Similarity	100.0%	Pred. No. 5.8e-78		
	Matches 144	Conservative 0	Mismatches 0	Indels 0	Gaps 0
Qy	1	MAFTFAAFCYMALLLTAALFFFAIWHIIAIFDELKTDYKNPDIQDQNTLNPLVLPEYLIIHA	60		
Db	1	MAFTFAAFCYMALLLTAALFFFAIWHIIAIFDELKTDYKNPDIQDQNTLNPLVLPEYLIIHA	60		
Qy	61	FFCYMFCAAEPLTGLNNPLLAYHIIWRYMSRPVMSGGLYDPTTIMNADILAYCQKGGW	120		
Db	61	FFCYMFCAAEPLTGLNNPLLAYHIIWRYMSRPVMSGGLYDPTTIMNADILAYCQKGGW	120		

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 128

US-10-230-234-120  
 ; Sequence 120, Application US/10230234  
 ; Publication No. US20030100731A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stephan, Jean-Philippe F.  
 ; APPLICANT: Watanabe, Colin L.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3530PIC93  
 ; CURRENT APPLICATION NUMBER: US/10/230,234  
 ; CURRENT FILING DATE: 2002-08-28  
 ; PRIOR APPLICATION NUMBER: 10/119,480  
 ; PRIOR FILING DATE: 2002-04-09  
 ; PRIOR APPLICATION NUMBER: 60/059113  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/062287  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/063549  
 ; PRIOR FILING DATE: 1997-10-28  
 ; PRIOR APPLICATION NUMBER: 60/064103  
 ; PRIOR FILING DATE: 1997-10-31  
 ; PRIOR APPLICATION NUMBER: 60/069873  
 ; PRIOR FILING DATE: 1997-12-17  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
 ; PRIOR FILING DATE: 1998-03-25  
 ; PRIOR APPLICATION NUMBER: 60/079656  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: 60/079728  
 ; PRIOR FILING DATE: 1998-03-27  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SEQ ID NO 120  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-230-234-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
 |||||  
 Db 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
 |||||  
 QY 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 |||||  
 Db 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 |||||  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 129

US-10-230-306-120  
 ; Sequence 120, Application US/10230306  
 ; Publication No. US20030100732A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary  
 ; APPLICANT: Goddard, Audrey  
 ; APPLICANT: Godowski, Paul J.  
 ; APPLICANT: Grimaldi, J. Christopher  
 ; APPLICANT: Gurney, Austin L.  
 ; APPLICANT: Smith, Victoria  
 ; APPLICANT: Stephan, Jean-Philippe F.  
 ; APPLICANT: Watanabe, Colin L.  
 ; APPLICANT: Wood, William I.  
 ; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
 ; FILE REFERENCE: P3530PIC90  
 ; CURRENT APPLICATION NUMBER: US/10/230,306  
 ; CURRENT FILING DATE: 2002-08-28  
 ; PRIOR APPLICATION NUMBER: 10/119,480  
 ; PRIOR FILING DATE: 2002-04-09  
 ; PRIOR APPLICATION NUMBER: 60/059113  
 ; PRIOR FILING DATE: 1997-09-17  
 ; PRIOR APPLICATION NUMBER: 60/062287  
 ; PRIOR FILING DATE: 1997-10-17  
 ; PRIOR APPLICATION NUMBER: 60/063549  
 ; PRIOR FILING DATE: 1997-10-28  
 ; PRIOR APPLICATION NUMBER: 60/064103  
 ; PRIOR FILING DATE: 1997-10-31  
 ; PRIOR APPLICATION NUMBER: 60/069873  
 ; PRIOR FILING DATE: 1997-12-17  
 ; PRIOR APPLICATION NUMBER: 60/078910  
 ; PRIOR FILING DATE: 1998-03-20  
 ; PRIOR APPLICATION NUMBER: 60/079294  
 ; PRIOR FILING DATE: 1998-03-25  
 ; PRIOR APPLICATION NUMBER: 60/079656  
 ; PRIOR FILING DATE: 1998-03-26  
 ; PRIOR APPLICATION NUMBER: 60/079728  
 ; PRIOR FILING DATE: 1998-03-27  
 ; Remaining Prior Application data removed - See File Wrapper or PALM.  
 ; NUMBER OF SEQ ID NOS: 246  
 ; SEQ ID NO 120  
 ; LENGTH: 144  
 ; TYPE: PRT  
 ; ORGANISM: Homo Sapien  
 US-10-230-306-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
 |||||  
 Db 1 MAFTFAFCYMLALLTAAIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLPYLIHA 60  
 |||||  
 QY 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 |||||  
 Db 61 FFCVNFCAAEWLTLGLNMPPLAYHWRVMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 |||||  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 130

US-10-230-426-120  
 ; Sequence 120, Application US/10230426  
 ; Publication No. US20030100733A1  
 ; GENERAL INFORMATION:  
 ; APPLICANT: Baker, Kevin P.  
 ; APPLICANT: Desnoyers, Luc  
 ; APPLICANT: Gerritsen, Mary

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C88
; CURRENT APPLICATION NUMBER: US/10/230,426
; CURRENT FILING DATE: 2002-08-28
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; TYPE: PRT
; LENGTH: 144
; ORGANISM: Homo Sapien
US-10-230-426-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVNFCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINMADILAYCQKCGW 120
Db 61 FFCVNFCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINMADILAYCQKCGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 131
US-10-230-427-120
; Sequence 120, Application US/10230427
; Publication No. US20030100734A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C86
; CURRENT APPLICATION NUMBER: US/10/230,433
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
```

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; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C99
; CURRENT APPLICATION NUMBER: US/10/230,427
; CURRENT FILING DATE: 2002-08-28
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; TYPE: PRT
; LENGTH: 144
; ORGANISM: Homo Sapien
US-10-230-427-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFPAIWHIIAPDELKTDYKRPIDQCNTLNPLVLPYLIHA 60
QY 61 FFCVNFCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINMADILAYCQKCGW 120
Db 61 FFCVNFCAAEWLTGLNMPLLAYHRYMSRPVMSGPGLYDPTTINMADILAYCQKCGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 132
US-10-230-433-120
; Sequence 120, Application US/10230433
; Publication No. US20030100735A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C86
; CURRENT APPLICATION NUMBER: US/10/230,433
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
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; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-435-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCTMLALLTAALIFPAWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCTMLALLTAALIFPAWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLDYPTTINMADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLDYPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIVLVSS 144
DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 133
US-10-230-435-120
; Sequence 120, Application US/10230435
; Publication No. US20030100736A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C87
; CURRENT APPLICATION NUMBER: US/10/230,435
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294

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; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-435-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCTMLALLTAALIFPAWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCTMLALLTAALIFPAWHIIAFDELATDYKNPIDOCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLDYPTTINMADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIWRYMSRPVMSGPLDYPTTINMADILAYCOKEGW 120
QY 121 CKLAFYLLAFYYLYGMIVLVSS 144
DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 134
US-10-230-438-120
; Sequence 120, Application US/10230438
; Publication No. US20030100737A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deenoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C84
; CURRENT APPLICATION NUMBER: US/10/230,438
; PRIOR FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294

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```
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-230-438-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
   |||
Db 1 MAFTFAACYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
   |||
QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSGGLYDPTTINMADILAYCQKEGW 120
   |||
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSGGLYDPTTINMADILAYCQKEGW 120
   |||
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||

RESULT 135
US-10-232-222-120
/ Sequence 120, Application US/102322222
/ Publication No. US20030100736A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P3530PIC114
/ CURRENT APPLICATION NUMBER: US/10/232,222
/ CURRENT FILING DATE: 2002-08-29
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873
/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ Remaining Prior Application data removed - See File Wrapper or PALM.
/ NUMBER OF SEQ ID NOS: 246
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/ SEQ ID NO 120
/ LENGTH: 144
/ TYPE: PRT
/ ORGANISM: Homo Sapien
US-10-232-222-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
   |||
Db 1 MAFTFAACYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
   |||
QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSGGLYDPTTINMADILAYCQKEGW 120
   |||
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWYMRPVMGSGGLYDPTTINMADILAYCQKEGW 120
   |||
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||

RESULT 136
US-10-166-709A-322
/ Sequence 322, Application US/10166709A
/ Publication No. US20030104536A1
/ GENERAL INFORMATION:
/ APPLICANT: Ashkenazi, Avi
/ APPLICANT: Baker Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Eaton, Dan
/ APPLICANT: Ferrara, Napoleon
/ APPLICANT: Filvaroff, Ellen
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Gerber, Hanspeter
/ APPLICANT: Gerritsen, Mary E.
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Kljavin, Ivar J.
/ APPLICANT: Kuo, Sophia S.
/ APPLICANT: Napier, Mary A.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ APPLICANT: Roy, Margaret Ann
/ APPLICANT: Shelton, David L.
/ APPLICANT: Stewart, Timothy A.
/ APPLICANT: Tumas, Daniel
/ APPLICANT: Williams, P. Mickey
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2630PIC59
/ CURRENT APPLICATION NUMBER: US/10/166,709A
/ CURRENT FILING DATE: 2001-10-19
/ PRIOR APPLICATION NUMBER: 09/918585
/ PRIOR FILING DATE: 2001-07-30
/ PRIOR APPLICATION NUMBER: 60/062250
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/054249
/ PRIOR FILING DATE: 1997-11-03
/ PRIOR APPLICATION NUMBER: 60/055311
/ PRIOR FILING DATE: 1997-11-13
/ PRIOR APPLICATION NUMBER: 60/066364
/ PRIOR FILING DATE: 1997-11-21
/ PRIOR APPLICATION NUMBER: 60/077450
/ PRIOR FILING DATE: 1998-03-10
/ PRIOR APPLICATION NUMBER: 60/077632
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1	1	PRIOR APPLICATION NUMBER: 60/082566	
2	2	PRIOR FILING DATE: 1998-04-21	
3	3	PRIOR APPLICATION NUMBER: 60/082569	
4	4	PRIOR FILING DATE: 1998-04-21	
5	5	PRIOR APPLICATION NUMBER: 60/082704	
6	6	PRIOR FILING DATE: 1998-04-22	
7	7	PRIOR APPLICATION NUMBER: 60/082804	
8	8	PRIOR FILING DATE: 1998-04-22	
9	9	PRIOR APPLICATION NUMBER: 60/082700	
10	10	PRIOR FILING DATE: 1998-04-22	
11	11	PRIOR APPLICATION NUMBER: 60/082797	
12	12	PRIOR FILING DATE: 1998-04-22	
13	13	PRIOR APPLICATION NUMBER: 60/082796	
14	14	PRIOR FILING DATE: 1998-04-23	
15	15	PRIOR APPLICATION NUMBER: 60/083336	
16	16	PRIOR FILING DATE: 1998-04-27	
17	17	PRIOR APPLICATION NUMBER: 60/083322	
18	18	PRIOR FILING DATE: 1998-04-28	
19	19	PRIOR APPLICATION NUMBER: 60/083392	
20	20	PRIOR FILING DATE: 1998-04-29	
21	21	PRIOR APPLICATION NUMBER: 60/083495	
22	22	PRIOR FILING DATE: 1998-04-29	
23	23	PRIOR APPLICATION NUMBER: 60/083496	
24	24	PRIOR FILING DATE: 1998-04-29	
25	25	PRIOR APPLICATION NUMBER: 60/083499	
26	26	PRIOR FILING DATE: 1998-04-29	
27	27	PRIOR APPLICATION NUMBER: 60/083545	
28	28	PRIOR FILING DATE: 1998-04-29	
29	29	PRIOR APPLICATION NUMBER: 60/083554	
30	30	PRIOR FILING DATE: 1998-04-29	
31	31	PRIOR APPLICATION NUMBER: 60/083558	
32	32	PRIOR FILING DATE: 1998-04-29	
33	33	PRIOR APPLICATION NUMBER: 60/083559	
34	34	PRIOR FILING DATE: 1998-04-29	
35	35	PRIOR APPLICATION NUMBER: 60/083500	
36	36	PRIOR FILING DATE: 1998-04-29	
37	37	PRIOR APPLICATION NUMBER: 60/083742	
38	38	PRIOR FILING DATE: 1998-04-30	
39	39	PRIOR APPLICATION NUMBER: 60/084366	
40	40	PRIOR FILING DATE: 1998-05-05	
41	41	PRIOR APPLICATION NUMBER: 60/084414	
42	42	PRIOR FILING DATE: 1998-05-06	
43	43	PRIOR APPLICATION NUMBER: 60/084441	
44	44	PRIOR FILING DATE: 1998-05-06	
45	45	PRIOR APPLICATION NUMBER: 60/084637	
46	46	PRIOR FILING DATE: 1998-05-07	
47	47	PRIOR APPLICATION NUMBER: 60/084639	
48	48	PRIOR FILING DATE: 1998-05-07	
49	49	PRIOR APPLICATION NUMBER: 60/084640	
50	50	PRIOR FILING DATE: 1998-05-07	
51	51	PRIOR APPLICATION NUMBER: 60/084598	
52	52	PRIOR FILING DATE: 1998-05-07	
53	53	PRIOR APPLICATION NUMBER: 60/084600	
54	54	PRIOR FILING DATE: 1998-05-07	
55	55	PRIOR APPLICATION NUMBER: 60/084627	
56	56	PRIOR FILING DATE: 1998-05-07	
57	57	PRIOR APPLICATION NUMBER: 60/084643	
58	58	PRIOR FILING DATE: 1998-05-07	
59	59	PRIOR APPLICATION NUMBER: 60/085339	
60	60	PRIOR FILING DATE: 1998-05-13	
61	61	PRIOR APPLICATION NUMBER: 60/085338	
62	62	PRIOR FILING DATE: 1998-05-13	
63	63	PRIOR APPLICATION NUMBER: 60/085323	
64	64	PRIOR FILING DATE: 1998-05-13	
65	65	PRIOR APPLICATION NUMBER: 60/085582	
66	66	PRIOR FILING DATE: 1998-05-15	
67	67	PRIOR APPLICATION NUMBER: 60/085700	
68	68	PRIOR FILING DATE: 1998-05-15	
69	69	PRIOR APPLICATION NUMBER: 60/085689	
70	70	PRIOR FILING DATE: 1998-05-15	
71	71	PRIOR APPLICATION NUMBER: 60/085579	
72	72	PRIOR FILING DATE: 1998-05-15	
73	73	PRIOR APPLICATION NUMBER: 60/085580	

; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085573  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085704  
; PRIOR FILING DATE: 1998-05-15  
; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEVLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEVLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLELAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKCGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLELAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKCGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 137

US-10-223-084-2  
; Sequence 2, Application US/10223084  
; Publication No. US20030105011A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scott A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITL OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P235P1C5  
; CURRENT APPLICATION NUMBER: US/10/223,084  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens

; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-223-084-2

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5,8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEVLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEVLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLELAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKCGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLELAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKCGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 138

US-10-223-088-2  
; Sequence 2, Application US/10223088  
; Publication No. US20030105012A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Ferrara, Napoleone  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Marsters, Scott A.  
; APPLICANT: Pan, James  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin K.  
; APPLICANT: Wood, William I.  
; APPLICANT: Williams, P.Mickey  
; APPLICANT: Ye, Weilan  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND  
; TITL OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS  
; FILE REFERENCE: P235P1C6  
; CURRENT APPLICATION NUMBER: US/10/223,088  
; PRIOR FILING DATE: 2002-08-16  
; PRIOR APPLICATION NUMBER: US 10/081,056  
; PRIOR FILING DATE: 2002-02-20  
; PRIOR APPLICATION NUMBER: US 60/213,637  
; PRIOR FILING DATE: 2000-06-23  
; PRIOR APPLICATION NUMBER: US 60/219,556  
; PRIOR FILING DATE: 2000-07-20  
; PRIOR APPLICATION NUMBER: US 60/220,624  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: US 60/220,664  
; PRIOR FILING DATE: 2000-07-25  
; PRIOR APPLICATION NUMBER: PCT/US00/20710  
; PRIOR FILING DATE: 2000-07-28  
; PRIOR APPLICATION NUMBER: US 60/222,695  
; PRIOR FILING DATE: 2000-08-02  
; PRIOR APPLICATION NUMBER: US 09/643,657  
; PRIOR FILING DATE: 2000-08-17  
; PRIOR APPLICATION NUMBER: PCT/US00/23522  
; PRIOR FILING DATE: 2000-08-23  
; PRIOR APPLICATION NUMBER: PCT/US00/23328  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 383  
; SEQ ID NO 2  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens



Db 61 FFCVFLCAEWLTGLNMLLAYHWRMSRPMVSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 141

US-10-219-472-120  
; Sequence 120, Application US/10219472  
; Publication No. US20030105289A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC25  
; CURRENT APPLICATION NUMBER: US/10/219,472  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; PRIOR FILING DATE: 1998-03-27  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-472-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
QY 61 FFCVFLCAEWLTGLNMLLAYHWRMSRPMVSGGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVFLCAEWLTGLNMLLAYHWRMSRPMVSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 142

US-10-219-527-120  
; Sequence 120, Application US/10219527  
; Publication No. US20030105290A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Gerritsen, Mary  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Smith, Victoria  
; APPLICANT: Stephan, Jean-Philippe F.  
; APPLICANT: Watanabe, Colin L.  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
; FILE REFERENCE: P3530PIC23  
; CURRENT APPLICATION NUMBER: US/10/219,527  
; CURRENT FILING DATE: 2002-08-13  
; PRIOR APPLICATION NUMBER: 10/119,480  
; PRIOR FILING DATE: 2002-04-09  
; PRIOR APPLICATION NUMBER: 60/059113  
; PRIOR FILING DATE: 1997-09-17  
; PRIOR APPLICATION NUMBER: 60/062287  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/063549  
; PRIOR FILING DATE: 1997-10-28  
; PRIOR APPLICATION NUMBER: 60/064103  
; PRIOR FILING DATE: 1997-10-31  
; PRIOR APPLICATION NUMBER: 60/069873  
; PRIOR FILING DATE: 1997-12-17  
; PRIOR APPLICATION NUMBER: 60/078910  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/079294  
; PRIOR FILING DATE: 1998-03-25  
; PRIOR APPLICATION NUMBER: 60/079656  
; PRIOR FILING DATE: 1998-03-26  
; PRIOR APPLICATION NUMBER: 60/079728  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 246  
; SEQ ID NO 120  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo Sapien  
US-10-219-527-120

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
QY 61 FFCVFLCAEWLTGLNMLLAYHWRMSRPMVSGGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVFLCAEWLTGLNMLLAYHWRMSRPMVSGGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 143  
US-10-227-877-120  
; Sequence 120, Application US/10227877  
; Publication No. US20030105291A1  
; GENERAL INFORMATION:  
; APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc  
APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
FILE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3530P1C75  
CURRENT APPLICATION NUMBER: US/10/227,877  
CURRENT FILING DATE: 2002-08-26  
PRIOR APPLICATION NUMBER: 10/113,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/0559113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28  
PRIOR APPLICATION NUMBER: 60/064103  
PRIOR FILING DATE: 1997-10-31  
PRIOR APPLICATION NUMBER: 60/069873  
PRIOR FILING DATE: 1997-12-17  
PRIOR APPLICATION NUMBER: 60/078910  
PRIOR FILING DATE: 1998-03-20  
PRIOR APPLICATION NUMBER: 60/079294  
PRIOR FILING DATE: 1998-03-25  
PRIOR APPLICATION NUMBER: 60/079656  
PRIOR FILING DATE: 1998-03-26  
PRIOR APPLICATION NUMBER: 60/079728  
PRIOR FILING DATE: 1998-03-27  
PRIOR APPLICATION NUMBER: 60/081819  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/086392  
PRIOR FILING DATE: 1998-05-22  
PRIOR APPLICATION NUMBER: 60/089532  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089538  
PRIOR FILING DATE: 1998-06-17  
PRIOR APPLICATION NUMBER: 60/089905  
PRIOR FILING DATE: 1998-06-18  
PRIOR APPLICATION NUMBER: 60/090472  
PRIOR FILING DATE: 1998-06-24  
PRIOR APPLICATION NUMBER: 60/090557  
PRIOR FILING DATE: 1998-06-24  
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PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/090695  
PRIOR FILING DATE: 1998-06-25  
PRIOR APPLICATION NUMBER: 60/091982  
PRIOR FILING DATE: 1998-07-07  
PRIOR APPLICATION NUMBER: 60/095302  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095318  
PRIOR FILING DATE: 1998-08-04  
PRIOR APPLICATION NUMBER: 60/095916  
PRIOR FILING DATE: 1998-08-10  
PRIOR APPLICATION NUMBER: 60/096146  
PRIOR FILING DATE: 1998-08-11  
PRIOR APPLICATION NUMBER: 60/096791  
PRIOR FILING DATE: 1998-08-17  
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PRIOR FILING DATE: 1998-08-26  
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PRIOR APPLICATION NUMBER: 60/099598  
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PRIOR FILING DATE: 1998-09-10  
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PRIOR APPLICATION NUMBER: 60/099816  
PRIOR FILING DATE: 1998-09-10  
PRIOR APPLICATION NUMBER: 60/100038  
PRIOR FILING DATE: 1998-09-11  
PRIOR APPLICATION NUMBER: 60/100385  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100390  
PRIOR FILING DATE: 1998-09-15  
PRIOR APPLICATION NUMBER: 60/100627  
PRIOR FILING DATE: 1998-09-16  
PRIOR APPLICATION NUMBER: 60/100848  
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PRIOR FILING DATE: 1998-09-17  
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PRIOR APPLICATION NUMBER: 60/101741  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101786  
PRIOR FILING DATE: 1998-09-25  
PRIOR APPLICATION NUMBER: 60/101916  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/101922  
PRIOR FILING DATE: 1998-09-24  
PRIOR APPLICATION NUMBER: 60/106178  
PRIOR FILING DATE: 1998-10-28  
PRIOR APPLICATION NUMBER: 60/106248  
PRIOR FILING DATE: 1998-10-29  
PRIOR APPLICATION NUMBER: 60/106464  
PRIOR FILING DATE: 1998-10-30  
PRIOR APPLICATION NUMBER: 60/106905  
PRIOR FILING DATE: 1998-11-03  
PRIOR APPLICATION NUMBER: 60/108787  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108801  
PRIOR FILING DATE: 1998-11-17  
PRIOR APPLICATION NUMBER: 60/108849  
PRIOR FILING DATE: 1998-11-18  
PRIOR APPLICATION NUMBER: 60/112422  
PRIOR FILING DATE: 1998-12-15  
PRIOR APPLICATION NUMBER: 60/113296  
PRIOR FILING DATE: 1998-12-22  
PRIOR APPLICATION NUMBER: 60/113605  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/113621  
PRIOR FILING DATE: 1998-12-23  
PRIOR APPLICATION NUMBER: 60/115558  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115565  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/115733  
PRIOR FILING DATE: 1999-01-12  
PRIOR APPLICATION NUMBER: 60/119549  
PRIOR FILING DATE: 1999-02-10  
PRIOR APPLICATION NUMBER: 60/123618



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; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: US 09/816,744
; PRIOR FILING DATE: 2001-03-22
; PRIOR APPLICATION NUMBER: US 09/828,366
; PRIOR FILING DATE: 2001-04-05
; PRIOR APPLICATION NUMBER: US 09/854,208
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/854,280
; PRIOR FILING DATE: 2001-05-10
; PRIOR APPLICATION NUMBER: US 09/866,028
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/866,034
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: PCT/US01/17092
; PRIOR FILING DATE: 2001-05-25
; PRIOR APPLICATION NUMBER: US 09/870,574
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/17443
; PRIOR FILING DATE: 2001-05-30
; PRIOR APPLICATION NUMBER: PCT/US01/17800
; PRIOR FILING DATE: 2001-06-01
; PRIOR APPLICATION NUMBER: PCT/US01/19692
; PRIOR FILING DATE: 2001-06-20
; PRIOR APPLICATION NUMBER: PCT/US01/21066
; PRIOR FILING DATE: 2001-06-29
; PRIOR APPLICATION NUMBER: PCT/US01/21735
; PRIOR FILING DATE: 2001-07-09
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-083-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60

Qy 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRPVMSPGGLYDPTTMNADILAYCOKEGW 120
Db 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRPVMSPGGLYDPTTMNADILAYCOKEGW 120

Qy 121 CKLAFYLLAFYYLYGMIVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 145
US-10-223-083-2
; Sequence 2, Application US/10223083
; Publication No. US20030119112A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilian
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVPEYLHA 60

Qy 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRPVMSPGGLYDPTTMNADILAYCOKEGW 120
Db 61 FFCVNFCAEWLTGLNMPELLAYHIWYMRPVMSPGGLYDPTTMNADILAYCOKEGW 120

Qy 121 CKLAFYLLAFYYLYGMIVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 146
US-10-216-166-120
; Sequence 120, Application US/10216166
; Publication No. US20030120040A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C9
; CURRENT APPLICATION NUMBER: US/10/216,166
; CURRENT FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
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; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-166-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
DB 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 147
US-10-218-612-120
; Sequence 120, Application US/10218612
; Publication No. US20030120041A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P35301C21
; CURRENT APPLICATION NUMBER: US/10/218,612
; PRIOR FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
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; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-612-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
DB 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEWLTGLNPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 148
US-10-223-089-2
; Sequence 2, Application US/10223089
; Publication No. US20030125521A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Marsters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P3235PLC9
; CURRENT APPLICATION NUMBER: US/10/223,089
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
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; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-089-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||

QY 61 FFCVNFCAEWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||
Db 61 FFCVNFCAEWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||

RESULT 149
US-10-143-031A-322
; Sequence 322, Application US/10143031A
; Publication No. US20030138439A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC39
; CURRENT APPLICATION NUMBER: US/10/143,031A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-031A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQNTLNPLVLYLHA 60
   |||||||

QY 61 FFCVNFCAEWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||
Db 61 FFCVNFCAEWLTGLNMLLAYHINRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
   |||||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||||

RESULT 150
US-10-143-030A-322
; Sequence 322, Application US/10143030A
; Publication No. US20030147901A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
```

;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630P1C33  
;; CURRENT APPLICATION NUMBER: US/10/143.030A  
;; CURRENT FILING DATE: 2002-08-27  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 322  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-143-030A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
DB 1 MAFTAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60  
  
QY 61 FFCVWFLCAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVWFLCAEWLTLGLNPLLAYHWRVMSRPVMSGGLYDPTTMMADILAYCQKEGW 120  
  
QY 121 CKLAFYLLAFFYYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYYLYGMIVLVSS 144

RESULT 151  
US-10-002-967A-322  
; Sequence 322, Application US/10002967A  
; Publication No. US20030148373A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.

;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: ROY, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630P1C72  
;; CURRENT APPLICATION NUMBER: US/10/002.967A  
;; CURRENT FILING DATE: 2001-10-24  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; PRIOR APPLICATION NUMBER: 60/078004  
;; PRIOR FILING DATE: 1998-03-13  
;; PRIOR APPLICATION NUMBER: 60/078886  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078936  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078939  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079664  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079689  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079663  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079786  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079920  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/079923  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/080105  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080194  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080327  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01

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; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081071
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081195
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081203
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081229
; PRIOR FILING DATE: 1998-04-09
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081817
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081952
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081838
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082568
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082569
; PRIOR FILING DATE: 1998-04-21
; PRIOR APPLICATION NUMBER: 60/082704
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082700
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082797
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083495
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083496
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083499
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083545
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083554
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083558
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083559
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083500
; PRIOR FILING DATE: 1998-04-29
; PRIOR APPLICATION NUMBER: 60/083742
; PRIOR FILING DATE: 1998-04-30
; PRIOR APPLICATION NUMBER: 60/084366
; PRIOR FILING DATE: 1998-05-05
; PRIOR APPLICATION NUMBER: 60/084414
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/084637
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084639

; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084640
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084598
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084600
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084627
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/084643
; PRIOR FILING DATE: 1998-05-07
; PRIOR APPLICATION NUMBER: 60/085339
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085338
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085582
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085700
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085689
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085580
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085573
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTKYKPIDQNTLNPLVLPYLIHA 60
   |||||
Db 1 MAFTFAFCYMLALLLTAAIIPFAIWHIIAFDELKTKYKPIDQNTLNPLVLPYLIHA 60
   |||||

QY 61 FFCVMFLCAAEWLTGLNMFLLAYHIMYMRPVMGSLYDPTTIMNADILAYCQKEGW 120
   |||||
Db 61 FFCVMFLCAAEWLTGLNMFLLAYHIMYMRPVMGSLYDPTTIMNADILAYCQKEGW 120
   |||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144
   |||||

RESULT 152
US-10-017-083A-322
; Sequence 322, Application US/10017083A
; Publication No. US20030148376A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
```

```
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC67
; CURRENT APPLICATION NUMBER: US/10/017,083A
; PRIOR FILING DATE: 2001-10-24
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-083A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60
QY 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 153
US-10-216-163-120
; Sequence 120, Application US/10216163
; Publication No. US20030149239A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P2630PIC3
; CURRENT APPLICATION NUMBER: US/10/216,163
; PRIOR FILING DATE: 2002-08-09
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
```

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; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-216-163-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLLTAAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLHA 60
QY 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 154
US-10-145-128A-322
; Sequence 322, Application US/10145128A
; Publication No. US20030157615A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC46
; CURRENT APPLICATION NUMBER: US/10/145,128A
; CURRENT FILING DATE: 2002-10-01
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
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; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRI
; ORGANISM: Homo sapiens
; US-10-145-128A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLTAAIIPFAWHIAFDELTKYKNPIDQNTLNPLVPEYLIIHA 60
DB 1 MAFTFAACYMLALLTAAIIPFAWHIAFDELTKYKNPIDQNTLNPLVPEYLIIHA 60

QY 61 PFCWMLCAAEWLTLGLNMLLAVHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
DB 61 PFCWMLCAAEWLTLGLNMLLAVHWRVMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 155
US-10-017-191A-322
; Sequence 322, Application US/10017191A
; Publication No. US20030170254A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC62
; CURRENT APPLICATION NUMBER: US/10/017,191A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080328
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/081070
; PRIOR FILING DATE: 1998-04-08
; PRIOR APPLICATION NUMBER: 60/081049
; PRIOR FILING DATE: 1998-04-08
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;; PRIOR APPLICATION NUMBER: 60/081071  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081195  
;; PRIOR FILING DATE: 1998-04-08  
;; PRIOR APPLICATION NUMBER: 60/081203  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081229  
;; PRIOR FILING DATE: 1998-04-09  
;; PRIOR APPLICATION NUMBER: 60/081955  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081952  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081838  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/082568  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082569  
;; PRIOR FILING DATE: 1998-04-21  
;; PRIOR APPLICATION NUMBER: 60/082704  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082804  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082700  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082797  
;; PRIOR FILING DATE: 1998-04-22  
;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083499  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742  
;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627

;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
  
Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
|||||  
DB 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
|||||  
QY 61 FFCVMPFLCAAEWLTGLNMPFLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120  
|||||  
DB 61 FFCVMPFLCAAEWLTGLNMPFLAYHWRVMSRPVMSGPGLYDPTTMMNADILAYCOKEGW 120  
|||||  
QY 121 CKLAFYLLAFFYLYGMYIVLVSS 144  
|||||  
DB 121 CKLAFYLLAFFYLYGMYIVLVSS 144  
|||||

## RESULT 156

US-10-113-872-327  
; Sequence 327, Application US/10113872  
; Publication No. US20030170255A1  
; GENERAL INFORMATION:  
; APPLICANT: Watanabe, Yoshihiro  
; APPLICANT: Henderson, Robert A.  
; APPLICANT: Kalos, Michael D.  
; APPLICANT: Sleath, Paul R.  
; APPLICANT: Vedwick, Thomas S.  
; APPLICANT: Carter, Darrick  
; APPLICANT: Fanger, Gary R.  
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE THERAPY  
; OF LUNG CANCER  
; FILE REFERENCE: 210121.478C19  
; CURRENT APPLICATION NUMBER: US/10/113,872  
; CURRENT FILING DATE: 2002-03-28  
; NUMBER OF SEQ ID NOS: 2011  
; SOFTWARE: FastSeq for Windows Version 4.0  
; SEQ ID NO 327  
; LENGTH: 144  
; TYPE: PRT  
; ORGANISM: Homo sapiens  
US-10-113-872-327

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIFAFDELKTDYKNPIDQCNTPNPLVPEYLIHA 60  
|||||

Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKGSW 120  
Db 61 FFCVWFLCAAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKGSW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 157

US-10-143-028A-322  
; Sequence 322, Application US/10143028A  
; Publication No. US20030180310A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC37  
; CURRENT APPLICATION NUMBER: US/10/143,028A  
; CURRENT FILING DATE: 2001-10-19  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077791  
; PRIOR FILING DATE: 1998-03-12  
; Remaining Prior Application data removed - See File Wrapper or PALM.  
; NUMBER OF SEQ ID NOS: 624  
; SEQ ID NO 322  
; LENGTH: 144  
; TYPE: PRT

; ORGANISM: Homo sapiens  
US-10-143-028A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
Db 1 MAFTFAAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
QY 61 FFCVWFLCAAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKGSW 120  
Db 61 FFCVWFLCAAEWLTGLNNPLLAYHWRVMSRPVMSGGLYDPTTMMNADILAYCQKGSW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 158

US-10-143-029A-322  
; Sequence 322, Application US/10143029A  
; Publication No. US20030180311A1

## GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PIC54  
; CURRENT APPLICATION NUMBER: US/10/143,029A  
; CURRENT FILING DATE: 2001-10-19  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11

1 PRIOR APPLICATION NUMBER: 60/077649  
2 PRIOR FILING DATE: 1998-03-11  
3 PRIOR APPLICATION NUMBER: 60/077791  
4 PRIOR FILING DATE: 1998-03-12  
5 PRIOR APPLICATION NUMBER: 60/078004  
6 PRIOR FILING DATE: 1998-03-13  
7 PRIOR APPLICATION NUMBER: 60/078886  
8 PRIOR FILING DATE: 1998-03-20  
9 PRIOR APPLICATION NUMBER: 60/078936  
10 PRIOR FILING DATE: 1998-03-20  
11 PRIOR APPLICATION NUMBER: 60/078910  
12 PRIOR FILING DATE: 1998-03-20  
13 PRIOR APPLICATION NUMBER: 60/078939  
14 PRIOR FILING DATE: 1998-03-20  
15 PRIOR APPLICATION NUMBER: 60/079294  
16 PRIOR FILING DATE: 1998-03-25  
17 PRIOR APPLICATION NUMBER: 60/079656  
18 PRIOR FILING DATE: 1998-03-26  
19 PRIOR APPLICATION NUMBER: 60/079664  
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21 PRIOR APPLICATION NUMBER: 60/079689  
22 PRIOR FILING DATE: 1998-03-27  
23 PRIOR APPLICATION NUMBER: 60/079663  
24 PRIOR FILING DATE: 1998-03-27  
25 PRIOR APPLICATION NUMBER: 60/079728  
26 PRIOR FILING DATE: 1998-03-27  
27 PRIOR APPLICATION NUMBER: 60/079786  
28 PRIOR FILING DATE: 1998-03-27  
29 PRIOR APPLICATION NUMBER: 60/079920  
30 PRIOR FILING DATE: 1998-03-30  
31 PRIOR APPLICATION NUMBER: 60/079923  
32 PRIOR FILING DATE: 1998-03-30  
33 PRIOR APPLICATION NUMBER: 60/080105  
34 PRIOR FILING DATE: 1998-03-31  
35 PRIOR APPLICATION NUMBER: 60/080107  
36 PRIOR FILING DATE: 1998-03-31  
37 PRIOR APPLICATION NUMBER: 60/080165  
38 PRIOR FILING DATE: 1998-03-31  
39 PRIOR APPLICATION NUMBER: 60/080194  
40 PRIOR FILING DATE: 1998-03-31  
41 PRIOR APPLICATION NUMBER: 60/080327  
42 PRIOR FILING DATE: 1998-04-01  
43 PRIOR APPLICATION NUMBER: 60/080328  
44 PRIOR FILING DATE: 1998-04-01  
45 PRIOR APPLICATION NUMBER: 60/080333  
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47 PRIOR APPLICATION NUMBER: 60/080334  
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53 PRIOR APPLICATION NUMBER: 60/081071  
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55 PRIOR APPLICATION NUMBER: 60/081195  
56 PRIOR FILING DATE: 1998-04-08  
57 PRIOR APPLICATION NUMBER: 60/081203  
58 PRIOR FILING DATE: 1998-04-09  
59 PRIOR APPLICATION NUMBER: 60/081229  
60 PRIOR FILING DATE: 1998-04-09  
61 PRIOR APPLICATION NUMBER: 60/081955  
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63 PRIOR APPLICATION NUMBER: 60/081817  
64 PRIOR FILING DATE: 1998-04-15  
65 PRIOR APPLICATION NUMBER: 60/081819  
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67 PRIOR APPLICATION NUMBER: 60/081952  
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70 PRIOR FILING DATE: 1998-04-15  
71 PRIOR APPLICATION NUMBER: 60/082568  
72 PRIOR FILING DATE: 1998-04-21  
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; PRIOR APPLICATION NUMBER: 60/085704
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/085697

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
QY 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTMMADILAYCQKGGW 120
Db 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTMMADILAYCQKGGW 120
QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 159
US-10-145-089A-322
; Sequence 322, Application US/10145089A
; Publication No. US20030180867A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C31
; CURRENT APPLICATION NUMBER: US/10/145,089A
; CURRENT FILING DATE: 2002-09-04
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
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; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-089A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
QY 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTMMADILAYCQKGGW 120
Db 61 PFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTMMADILAYCQKGGW 120
QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144
Db 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 160
US-10-165-067A-322
; Sequence 322, Application US/10165067A
; Publication No. US20030185841A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C42
; CURRENT APPLICATION NUMBER: US/10/165,067A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
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FILE REFERENCE: P2630PIC32  
CURRENT APPLICATION NUMBER: US/10/145,017A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 322  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-017A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 161  
US-10-145-017A-322  
Sequence 322, Application US/10145017A  
Publication No. US20030186365A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630PIC32  
CURRENT APPLICATION NUMBER: US/10/145,017A  
CURRENT FILING DATE: 2001-10-19  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/064249  
PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 60/065311  
PRIOR FILING DATE: 1997-11-13  
PRIOR APPLICATION NUMBER: 60/066364  
PRIOR FILING DATE: 1997-11-21  
PRIOR APPLICATION NUMBER: 60/077450  
PRIOR FILING DATE: 1998-03-10  
PRIOR APPLICATION NUMBER: 60/077632  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077641  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077649  
PRIOR FILING DATE: 1998-03-11  
PRIOR APPLICATION NUMBER: 60/077791  
PRIOR FILING DATE: 1998-03-12  
Remaining Prior Application data removed - See File Wrapper or PALM.  
NUMBER OF SEQ ID NOS: 624  
SEQ ID NO 322  
LENGTH: 144  
TYPE: PRT  
ORGANISM: Homo sapiens  
US-10-145-017A-322

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAFCYMLALLLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVWFLCAAEWLTGLNMPLLAYHWRVMSRPFVMSGPGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 162  
US-10-164-728A-322  
Sequence 322, Application US/10164728A  
Publication No. US20030186368A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnovers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James;

```
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tuma, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C43
; CURRENT APPLICATION NUMBER: US/10/164,728A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-728A-322
```

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Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACCYMLALLTAAALFFAALHIAFDELKTDYKNPDKQNTLNPLVLPYLHA 60
DB 1 MAFTFAACCYMLALLTAAALFFAALHIAFDELKTDYKNPDKQNTLNPLVLPYLHA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHWRMSPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMLLAYHWRMSPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
```

```
RESULT 163
US-10-223-081-2
; Sequence 2, Application US/10223081
; Publication No. US2003018686A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
```

```
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; TITLE OF INVENTION: TREATMENT OF DISORDERS INVOLVING ANGIOGENESIS
; FILE REFERENCE: P3335P1C7
; CURRENT APPLICATION NUMBER: US/10/223,081
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/081,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/543,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-081-2

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACCYMLALLTAAALFFAALHIAFDELKTDYKNPDKQNTLNPLVLPYLHA 60
DB 1 MAFTFAACCYMLALLTAAALFFAALHIAFDELKTDYKNPDKQNTLNPLVLPYLHA 60
QY 61 FFCVMFLCAAEWLTGLNMLLAYHWRMSPVMSGPGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMLLAYHWRMSPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
```

```
RESULT 164
US-10-218-765-120
; Sequence 120, Application US/10218765
; Publication No. US2003018720A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin I.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C19
```

;/ CURRENT APPLICATION NUMBER: US/10/218,765  
;/ CURRENT FILING DATE: 2002-08-12  
;/ PRIOR APPLICATION NUMBER: 10/119,480  
;/ PRIOR FILING DATE: 2002-04-09  
;/ PRIOR APPLICATION NUMBER: 60/059113  
;/ PRIOR FILING DATE: 1997-09-17  
;/ PRIOR APPLICATION NUMBER: 60/062287  
;/ PRIOR FILING DATE: 1997-10-17  
;/ PRIOR APPLICATION NUMBER: 60/063549  
;/ PRIOR FILING DATE: 1997-10-28  
;/ PRIOR APPLICATION NUMBER: 60/064103  
;/ PRIOR FILING DATE: 1997-10-31  
;/ PRIOR APPLICATION NUMBER: 60/069873  
;/ PRIOR FILING DATE: 1997-12-17  
;/ PRIOR APPLICATION NUMBER: 60/078910  
;/ PRIOR FILING DATE: 1998-03-20  
;/ PRIOR APPLICATION NUMBER: 60/079294  
;/ PRIOR FILING DATE: 1998-03-25  
;/ PRIOR APPLICATION NUMBER: 60/079656  
;/ PRIOR FILING DATE: 1998-03-26  
;/ PRIOR APPLICATION NUMBER: 60/079728  
;/ PRIOR FILING DATE: 1998-03-27  
;/ PRIOR APPLICATION NUMBER: 60/081819  
;/ PRIOR FILING DATE: 1998-04-15  
;/ PRIOR APPLICATION NUMBER: 60/081955  
;/ PRIOR FILING DATE: 1998-04-15  
;/ PRIOR APPLICATION NUMBER: 60/085323  
;/ PRIOR FILING DATE: 1998-05-13  
;/ PRIOR APPLICATION NUMBER: 60/085579  
;/ PRIOR FILING DATE: 1998-05-15  
;/ PRIOR APPLICATION NUMBER: 60/086392  
;/ PRIOR FILING DATE: 1998-05-22  
;/ PRIOR APPLICATION NUMBER: 60/089532  
;/ PRIOR FILING DATE: 1998-06-17  
;/ PRIOR APPLICATION NUMBER: 60/089538  
;/ PRIOR FILING DATE: 1998-06-17  
;/ PRIOR APPLICATION NUMBER: 60/089905  
;/ PRIOR FILING DATE: 1998-06-18  
;/ PRIOR APPLICATION NUMBER: 60/090472  
;/ PRIOR FILING DATE: 1998-06-24  
;/ PRIOR APPLICATION NUMBER: 60/090557  
;/ PRIOR FILING DATE: 1998-06-24  
;/ PRIOR APPLICATION NUMBER: 60/090691  
;/ PRIOR FILING DATE: 1998-06-25  
;/ PRIOR APPLICATION NUMBER: 60/090695  
;/ PRIOR FILING DATE: 1998-06-25  
;/ PRIOR APPLICATION NUMBER: 60/091982  
;/ PRIOR FILING DATE: 1998-07-07  
;/ PRIOR APPLICATION NUMBER: 60/095302  
;/ PRIOR FILING DATE: 1998-08-04  
;/ PRIOR APPLICATION NUMBER: 60/095318  
;/ PRIOR FILING DATE: 1998-08-04  
;/ PRIOR APPLICATION NUMBER: 60/095916  
;/ PRIOR FILING DATE: 1998-08-10  
;/ PRIOR APPLICATION NUMBER: 60/096146  
;/ PRIOR FILING DATE: 1998-08-11  
;/ PRIOR APPLICATION NUMBER: 60/096791  
;/ PRIOR FILING DATE: 1998-08-17  
;/ PRIOR APPLICATION NUMBER: 60/097986  
;/ PRIOR FILING DATE: 1998-08-26  
;/ PRIOR APPLICATION NUMBER: 60/098544  
;/ PRIOR FILING DATE: 1998-08-31  
;/ PRIOR APPLICATION NUMBER: 60/099596  
;/ PRIOR FILING DATE: 1998-09-09  
;/ PRIOR APPLICATION NUMBER: 60/099598  
;/ PRIOR FILING DATE: 1998-09-09  
;/ PRIOR APPLICATION NUMBER: 60/099803  
;/ PRIOR FILING DATE: 1998-09-10  
;/ PRIOR APPLICATION NUMBER: 60/099811  
;/ PRIOR FILING DATE: 1998-09-10  
;/ PRIOR APPLICATION NUMBER: 60/099812  
;/ PRIOR FILING DATE: 1998-09-10  
;/ PRIOR APPLICATION NUMBER: 60/099816  
;/ PRIOR FILING DATE: 1998-09-10  
;/ PRIOR APPLICATION NUMBER: 60/100038  
;/ PRIOR FILING DATE: 1998-09-11  
;/ PRIOR APPLICATION NUMBER: 60/100385  
;/ PRIOR FILING DATE: 1998-09-15  
;/ PRIOR APPLICATION NUMBER: 60/100390  
;/ PRIOR FILING DATE: 1998-09-15  
;/ PRIOR APPLICATION NUMBER: 60/100627  
;/ PRIOR FILING DATE: 1998-09-16  
;/ PRIOR APPLICATION NUMBER: 60/100848  
;/ PRIOR FILING DATE: 1998-09-18  
;/ PRIOR APPLICATION NUMBER: 60/100919  
;/ PRIOR FILING DATE: 1998-09-17  
;/ PRIOR APPLICATION NUMBER: 60/101477  
;/ PRIOR FILING DATE: 1998-09-23  
;/ PRIOR APPLICATION NUMBER: 60/101738  
;/ PRIOR FILING DATE: 1998-09-24  
;/ PRIOR APPLICATION NUMBER: 60/101741  
;/ PRIOR FILING DATE: 1998-09-24  
;/ PRIOR APPLICATION NUMBER: 60/101786  
;/ PRIOR FILING DATE: 1998-09-25  
;/ PRIOR APPLICATION NUMBER: 60/101916  
;/ PRIOR FILING DATE: 1998-09-24  
;/ PRIOR APPLICATION NUMBER: 60/101922  
;/ PRIOR FILING DATE: 1998-09-24  
;/ PRIOR APPLICATION NUMBER: 60/106178  
;/ PRIOR FILING DATE: 1998-10-28  
;/ PRIOR APPLICATION NUMBER: 60/106248  
;/ PRIOR FILING DATE: 1998-10-29  
;/ PRIOR APPLICATION NUMBER: 60/106464  
;/ PRIOR FILING DATE: 1998-10-30  
;/ PRIOR APPLICATION NUMBER: 60/106905  
;/ PRIOR FILING DATE: 1998-11-03  
;/ PRIOR APPLICATION NUMBER: 60/108787  
;/ PRIOR FILING DATE: 1998-11-17  
;/ PRIOR APPLICATION NUMBER: 60/108801  
;/ PRIOR FILING DATE: 1998-11-17  
;/ PRIOR APPLICATION NUMBER: 60/108849  
;/ PRIOR FILING DATE: 1998-11-18  
;/ PRIOR APPLICATION NUMBER: 60/112422  
;/ PRIOR FILING DATE: 1998-12-15  
;/ PRIOR APPLICATION NUMBER: 60/113296  
;/ PRIOR FILING DATE: 1998-12-22  
;/ PRIOR APPLICATION NUMBER: 60/113605  
;/ PRIOR FILING DATE: 1998-12-23  
;/ PRIOR APPLICATION NUMBER: 60/113621  
;/ PRIOR FILING DATE: 1998-12-23  
;/ PRIOR APPLICATION NUMBER: 60/115558  
;/ PRIOR FILING DATE: 1999-01-12  
;/ PRIOR APPLICATION NUMBER: 60/115565  
;/ PRIOR FILING DATE: 1999-01-12  
;/ PRIOR APPLICATION NUMBER: 60/115733  
;/ PRIOR FILING DATE: 1999-01-12  
;/ PRIOR APPLICATION NUMBER: 60/119549  
;/ PRIOR FILING DATE: 1999-02-10  
;/ PRIOR APPLICATION NUMBER: 60/123618  
;/ PRIOR FILING DATE: 1999-03-10  
;/ PRIOR APPLICATION NUMBER: 60/125259  
;/ PRIOR FILING DATE: 1999-03-19  
;/ PRIOR APPLICATION NUMBER: 60/125775  
;/ PRIOR FILING DATE: 1999-03-23  
;/ PRIOR APPLICATION NUMBER: 60/126773  
;/ PRIOR FILING DATE: 1999-03-29  
;/ PRIOR APPLICATION NUMBER: 60/127887  
;/ PRIOR FILING DATE: 1999-04-05  
;/ PRIOR APPLICATION NUMBER: 60/130232  
;/ PRIOR FILING DATE: 1999-04-21  
;/ PRIOR APPLICATION NUMBER: 60/131022  
;/ PRIOR FILING DATE: 1999-04-26

```
; FILE REFERENCE: P3530PIC24
; CURRENT APPLICATION NUMBER: US/10/219,063
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MATFAAFVCMALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MATFAAFVCMALLLTAAIIPFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMEFLCAAEWLTGLNMPPELLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120
Db 61 FFCVMEFLCAAEWLTGLNMPPELLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMYVLVSS 144

RESULT 165
US-10-219-063-120
; Sequence 120, Application US/10219063
; Publication No. US20030187202A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC27
; CURRENT APPLICATION NUMBER: US/10/219,066
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
```

```
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-066-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTIMNADILAYCQKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTIMNADILAYCQKEGW 120

QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 167
US-10-219-067-120
; Sequence 120, Application US/10219067
; Publication No. US200301872041
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC51
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
```

```
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-067-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
Db      1  MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60

QY      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTIMNADILAYCQKEGW 120
Db      61  FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTIMNADILAYCQKEGW 120

QY      121  CKLAFYLLAFFYLYGMIVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 168
US-10-219-068-120
; Sequence 120, Application US/10219068
; Publication No. US20030187205A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC31
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
```

```
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRP
; ORGANISM: Homo Sapien
US-10-219-068-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMALALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
    |||
Db 1 MAFTFAAFCYMALALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
    |||

Qy 61 FFCVMFLCAEWLTLGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
    |||
Db 61 FFCVMFLCAEWLTLGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
    |||

Qy 121 CKLAFYLLAFFYLYGMIYVIVSS 144
    |||
Db 121 CKLAFYLLAFFYLYGMIYVIVSS 144
    |||

RESULT 169
US-10-219-069-120
; Sequence 120, Application US/10219069
; Publication No. US20030187206A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C40
; CURRENT APPLICATION NUMBER: US/10/219,069
; CURRENT FILING DATE: 2002-08-13
; PRIOR FILING DATE: 2002-04-09
; PRIOR FILING DATE: 1997-09-17
; PRIOR FILING DATE: 1997-10-17
; PRIOR FILING DATE: 1997-10-28
; PRIOR FILING DATE: 1997-10-31
; PRIOR FILING DATE: 1997-12-17
; PRIOR FILING DATE: 1998-03-20
; PRIOR FILING DATE: 1998-03-25
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRP
; ORGANISM: Homo Sapien
US-10-219-073-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMALALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
    |||
Db 1 MAFTFAAFCYMALALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
    |||

Qy 61 FFCVMFLCAEWLTLGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
    |||
Db 61 FFCVMFLCAEWLTLGLNMPILAYHIWYMSRPVMSGPGLYDPTTINMADILAYCOKEGW 120
    |||

Qy 121 CKLAFYLLAFFYLYGMIYVIVSS 144
    |||
Db 121 CKLAFYLLAFFYLYGMIYVIVSS 144
    |||

RESULT 170
US-10-219-073-120
; Sequence 120, Application US/10219073
; Publication No. US20030187207A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C52
; CURRENT APPLICATION NUMBER: US/10/219,073
; CURRENT FILING DATE: 2002-08-14
; PRIOR FILING DATE: 2002-04-09
; PRIOR FILING DATE: 1997-09-17
; PRIOR FILING DATE: 1997-10-17
; PRIOR FILING DATE: 1997-10-28
; PRIOR FILING DATE: 1997-10-31
; PRIOR FILING DATE: 1997-12-17
; PRIOR FILING DATE: 1998-03-20
; PRIOR FILING DATE: 1998-03-25
; PRIOR FILING DATE: 1998-03-26
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRP
; ORGANISM: Homo Sapien
US-10-219-073-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

QY	1	MAFTFAACFCYMLAALLTAAALFFAALHIIADEFDEKTDYKNPIDQCNTLNPLVLPVLIHA	60
Db	1	MAFTFAACFCYMLAALLTAAALFFAALHIIADEFDEKTDYKNPIDQCNTLNPLVLPVLIHA	60
QY	61	FFCVNFLCAAEWLTIGLNMPLAYHIWRYMGRPVMSGFGLYDPTINMADILAYCOKEGW	120
Db	61	FFCVNFLCAAEWLTIGLNMPLAYHIWRYMGRPVMSGFGLYDPTINMADILAYCOKEGW	120
QY	121	CKLAFYLLAFFYYLYXGMIYVLYVSS	144
Db	121	CKLAFYLLAFFYYLYXGMIYVLYVSS	144

```

RESULT 171
US-10-219-475-120
; Sequence 120, Application US/10219475
; Publication No. US20030187208A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C49
; CURRENT APPLICATION NUMBER: US/10/219,475
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-475-120

```

Qy	121	CKLAFYLLAFYYLYGMYLVSS	144
Db	121	CKLAFYLLAFYYLYGMYLVSS	144

RESULT 172  
US-10-219-480-120  
; Sequence 120, Application US/10219480  
; Publication No, US20030187209A1

RESULT 172

US-10-219-480-120

Sequence 120, Application US/10219480

Publication No. US20030187209A1

GENERAL INFORMATION:

APPLICANT: Baker, Kevin P.

APPLICANT: Desnoyers, Luc

APPLICANT: Gerritsen, Mary

APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.

APPLICANT: Grimaldi, J. Christopher

APPLICANT: Gurney, Austin L.

APPLICANT: Smith, Victoria

APPLICANT: Stephan, Jean-Philippe F.

APPLICANT: Watanabe, Colin L.

APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC ACIDS ENCODING THE SAME

FILE REFERENCE: P3530P1C38

CURRENT APPLICATION NUMBER: US/10/219,480

CURRENT FILING DATE: 2002-08-13

PRIOR APPLICATION NUMBER: 10/119,480

PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/059113

PRIOR FILING DATE: 1997-09-17

PRIOR APPLICATION NUMBER: 60/062287

PRIOR FILING DATE: 1997-10-17

PRIOR APPLICATION NUMBER: 60/063549

PRIOR FILING DATE: 1997-10-28

PRIOR APPLICATION NUMBER: 60/064103

PRIOR FILING DATE: 1997-10-31

PRIOR APPLICATION NUMBER: 60/069873

PRIOR FILING DATE: 1997-12-17

PRIOR APPLICATION NUMBER: 60/078910

PRIOR FILING DATE: 1998-03-20

PRIOR APPLICATION NUMBER: 60/079294

PRIOR FILING DATE: 1998-03-25

PRIOR APPLICATION NUMBER: 60/079656

PRIOR FILING DATE: 1998-03-26

PRIOR APPLICATION NUMBER: 60/079728

PRIOR FILING DATE: 1998-03-27

Remaining Prior Application data removed - See File Wrapper or PALM.

NUMBER OF SEQ ID NOS: 246

SEQ ID NO 120

LENGTH: 144

TYPE: PRT

ORGANISM: Homo Sapien

US-10-219-480-120

RESULT 173



```
US-10-219-483-120
; Sequence 120, Application US/10219483
; Publication No. US20030187210A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C29
; CURRENT APPLICATION NUMBER: US/10/219,483
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-483-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 120
DB 1 MAFTFAAFCYMLALLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 60

QY 61 FFCVMFLCAEWLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 120
DB 61 FFCVMFLCAEWLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 144

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 174
US-10-219-525-120
; Sequence 120, Application US/10219525
; Publication No. US20030187211A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
```

```
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C29
; CURRENT APPLICATION NUMBER: US/10/219,525
; PRIOR FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-525-120

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 120
DB 1 MAFTFAAFCYMLALLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 60

QY 61 FFCVMFLCAEWLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 120
DB 61 FFCVMFLCAEWLTLGLNPLLAHWHYKMRPVMGSLYDPTTMMADILAYCOKEGW 144

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 175
US-10-219-526-120
; Sequence 120, Application US/10219526
; Publication No. US20030187212A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
```

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PRIORITY FILING DATE: 2002-04-09
PRIORITY APPLICATION NUMBER: 60/059113
PRIORITY FILING DATE: 1997-09-17
PRIORITY APPLICATION NUMBER: 60/062287
PRIORITY FILING DATE: 1997-10-17
PRIORITY APPLICATION NUMBER: 60/063549
PRIORITY FILING DATE: 1997-10-28
PRIORITY APPLICATION NUMBER: 60/064103
PRIORITY FILING DATE: 1997-10-31
PRIORITY APPLICATION NUMBER: 60/069873
PRIORITY FILING DATE: 1997-12-17
PRIORITY APPLICATION NUMBER: 60/078910
PRIORITY FILING DATE: 1998-03-20
PRIORITY APPLICATION NUMBER: 60/079294
PRIORITY FILING DATE: 1998-03-25
PRIORITY APPLICATION NUMBER: 60/079656
PRIORITY FILING DATE: 1998-03-26
PRIORITY APPLICATION NUMBER: 60/079728
PRIORITY FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-530-120

Query Match      100.0%; Score 784; DE 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMALLTAALIFFAIWHITAFDELKTDYKNPIDQCNTLNPLVLPYLLHA 60
DDB      1  MAFTFAAFCYMALLTAALIFFAIWHITAFDELKTDYKNPIDQCNTLNPLVLPYLLHA 60

QY      61  PFCWVFCAAEWLTGLNPLLAYHWRYSRPMVMSGPGLYDPTTIMNADILAYCQKEGW 120
DDB      61  PFCWVFCAAEWLTGLNPLLAYHWRYSRPMVMSGPGLYDPTTIMNADILAYCQKEGW 120

QY      121  CKLAFYLLAFYYLYGMIYVLVSS 144
DDB      121  CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 177
US-10-219-531-120
; Sequence 120, Application US/10219531
; Publication No. US20030187214A1
; GENERAL INFORMATION:

```

APPLICANT: Gerritsen, Mary  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Smith, Victoria  
APPLICANT: Stephan, Jean-Philippe F.  
APPLICANT: Watanabe, Colin L.  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
ACIDS  
TITLE OF INVENTION: ACIDS ENCODING THE SAME  
FILE REFERENCE: P3530P1C66  
CURRENT APPLICATION NUMBER: US/10/219,531  
CURRENT FILING DATE: 2002-08-14  
PRIOR APPLICATION NUMBER: 10/119,480  
PRIOR FILING DATE: 2002-04-09  
PRIOR APPLICATION NUMBER: 60/059113  
PRIOR FILING DATE: 1997-09-17  
PRIOR APPLICATION NUMBER: 60/062287  
PRIOR FILING DATE: 1997-10-17  
PRIOR APPLICATION NUMBER: 60/063549  
PRIOR FILING DATE: 1997-10-28

```
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-531-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||

QY      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||
Db      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||

QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||

RESULT 178
US-10-219-532-120
; Sequence 120, Application US/10219532
; Publication No. US20030187215A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C63
; CURRENT APPLICATION NUMBER: US/10/219,532
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-531-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||

QY      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||
Db      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||

QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||

RESULT 179
US-10-219-533-120
; Sequence 120, Application US/10219533
; Publication No. US20030187216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C56
; CURRENT APPLICATION NUMBER: US/10/219,533
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
```

```
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-532-120

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||
Db      1  MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVLPYLIHA 60
      |||||||

QY      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||
Db      61  FFCVMFLCAAEWLTGLNMELLAYHIWYMSRPVMSGFGLYDPTTINADILAYCQKEGW 120
      |||||||

QY      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144
      |||||||

RESULT 179
US-10-219-533-120
; Sequence 120, Application US/10219533
; Publication No. US20030187216A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C56
; CURRENT APPLICATION NUMBER: US/10/219,533
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
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[illegible]

RESULT 182

US-10-013-926A-322  
; Sequence 322, Application US/10013926A  
; Publication No. US20030187241A1

: POLITICAL NO. 0320  
: GENERAL INFORMATION:  
: GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi	
APPLICANT: Baker Kevin P.	
APPLICANT: Botstein, David	
APPLICANT: Desnovers, Luc	
APPLICANT: Eaton, Dan	
APPLICANT: Ferrara, Napoleon	
APPLICANT: Filvaroff, Ellen	
APPLICANT: Fong, Sherman	
APPLICANT: Gao, Wei-Qiang	
APPLICANT: Gerber, Hanspeter	
APPLICANT: Grittsen, Mary E.	
APPLICANT: Goddard, Audrey	
APPLICANT: Godowski, Paul J.	
APPLICANT: Grimaldi, J. Christopher	
APPLICANT: Gurney, Austin L.	
APPLICANT: Hillan, Kenneth J	
APPLICANT: Kijavlin, Ivar J.	
APPLICANT: Kuo, Sophia S.	
APPLICANT: Napier, Mary A.	
APPLICANT: Pan, James;	
APPLICANT: Paoni, Nicholas F.	
APPLICANT: Roy, Margaret Ann	
APPLICANT: Shelton, David L.	
APPLICANT: Stewart, Timothy A.	
APPLICANT: Tumas, Daniel	
APPLICANT: Williams, P. Mickey	

APPLICANT: WOOD, WILLIAM I.  
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYMERIDES AND NUCLEIC

;  
: TITLE OF INVENTION: secreted and transmembrane  
: TITLE OF INVENTION: Acids Encoding the Same

FILE REFERENCE: P2630P1C80

FILE REFERENCE: F2630FIC80  
CURRENT APPLICATION NUMBER: IIS/10/0

; CURRENT APPLICATION NUMBER: US/10/0  
 : CURRENT FILING DATE: 2002-09-10

; CURRENT FILING DATE: 2002-09-10  
 : PRIOR APPLICATION NUMBER: 09/918585

;; PRIOR APPLICATION NUMBER: 09/918585  
: PRIOR FILING DATE: 2001-07-30

; PRIOR FILING DATE: 2001-07-30  
: PRIOR APPLICATION NUMBER: 60/062250

;; PRIOR APPLICATION NUMBER: 60/062250  
: PRIOR FILING DATE: 1997-10-17

;; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 50/064248

; PRIOR APPLICATION NUMBER: 60/064249  
 : PRIOR FILING DATE: 1987 11 03

;; PRIOR FILING DATE: 1997-11-03  
PRIOR APPLICATION NUMBER: 08/065331

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR FILING DATE: 1997-11-21

; PRIOR APPLICATION NUMBER: 60/077450

; PRIOR FILING DATE: 1998-03-10

; PRIOR APPLICATION NUMBER: 60/077632

; PRIOR FILING DATE: 1998-03-11

```
Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy		1 MAETFAAFCYMLALLTLTAALIFFAIWHIIAEDELKTDYKNPIDQCNTLNPLVLPYLIHA 60 
Db		1 MAETFAAFCYMLALLTLTAALIFFAIWHIIAEDELKTDYKNPIDQCNTLNPLVLPYLIHA 60 

[illegible]

Qy	121	144
Qy	CKLAFFYLAFFFYLYGMIVLVSS	144
Dβ	CKLAFFYLAFFFYLYGMIVLVSS	144

RESULT 183

US-10-165-247A-322  
; Sequence 322, Application US/10165247A  
; Publication No. US20030190321A1

; PUBLICATION NO: US20  
: GENERAL INFORMATION:

1	GENERAL INFORMATION:	
2	APPLICANT: Ashkenazi, Avi	
3	APPLICANT: Baker Kevin P.	
4	APPLICANT: Botstein, David	
5	APPLICANT: Deenoyers, Luc	
6	APPLICANT: Eaton, Dan	
7	APPLICANT: Ferrara, Napoleon	
8	APPLICANT: Flvzaroff, Ellen	
9	APPLICANT: Fong, Sherman	
10	APPLICANT: Gao, Wei-Qiang	
11	APPLICANT: Gerber, Hanspeter	
12	APPLICANT: Gertschen, Mary E.	
13	APPLICANT: Goddard, Audrey	
14	APPLICANT: Godowski, Paul J.	
15	APPLICANT: Grimaldi, J. Christopher	
16	APPLICANT: Gurney, Austin L.	
17	APPLICANT: Hillan, Kenneth J	
18	APPLICANT: Kijavlin, Ivar J.	
19	APPLICANT: Kuo, Sophia S.	
20	APPLICANT: Napier, Mary A.	
21	APPLICANT: Pan, James;	
22	APPLICANT: Paoni, Nicholas F.	
23	APPLICANT: Roy, Margaret Ann	
24	APPLICANT: Shelton, David L.	
25	APPLICANT: Stewart, Timothy A.	
26	APPLICANT: Tumas, Daniel	
27	APPLICANT: Williams, P. Mickey	
28	APPLICANT: Wood, William I.	
29	TITLE OF INVENTION: Secured and Tra	
30	TITLE OF INVENTION: Acids Encoding	
31	FILE REFERENCE: P2630P1C41	
32	CURRENT APPLICATION NUMBER: US/10/16	
33	CURRENT FILING DATE: 2001-10-19	
34	PRIOR APPLICATION NUMBER: 09/918585	
35	PRIOR FILING DATE: 2001-07-30	
36	PRIOR APPLICATION NUMBER: 60/062250	
37	PRIOR FILING DATE: 1997-10-17	
38	PRIOR APPLICATION NUMBER: 60/064249	
39	PRIOR FILING DATE: 1997-11-03	
40	PRIOR APPLICATION NUMBER: 60/065311	
41	PRIOR FILING DATE: 1997-11-13	
42	PRIOR APPLICATION NUMBER: 60/066364	
43	PRIOR FILING DATE: 1997-11-21	
44	PRIOR APPLICATION NUMBER: 60/077450	
45	PRIOR FILING DATE: 1998-03-10	
46	PRIOR APPLICATION NUMBER: 60/077632	
47	PRIOR FILING DATE: 1998-03-11	
48	PRIOR APPLICATION NUMBER: 60/077641	
49	PRIOR FILING DATE: 1998-03-11	
50	PRIOR APPLICATION NUMBER: 60/077649	
51	PRIOR FILING DATE: 1998-03-11	

```

; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-165-247A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 184
US-10-145-124A-322
; Sequence 322, Application US/10145124A
; Publication No. US20030190701A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C44
; CURRENT APPLICATION NUMBER: US/10/145,124A
; CURRENT FILING DATE: 2002-08-30
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364

; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-145-124A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAEWLTLGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 185
US-10-160-502A-322
; Sequence 322, Application US/10160502A
; Publication No. US20030190703A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C57
; CURRENT APPLICATION NUMBER: US/10/160,502A
; CURRENT FILING DATE: 2001-10-19

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; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-160-502A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

Qy      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCOKEGW 120

Qy      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 186
US-10-223-082-2
; Sequence 2, Application US/10223082
; Publication No. US20030191059A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Masters, Scot A.
; APPLICANT: Pan, James
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin K.
; APPLICANT: Wood, William I.
; APPLICANT: Williams, P. Mickey
; APPLICANT: Ye, Weilan
; TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR THE DIAGNOSIS AND
; FILE REFERENCE: P3235PLC3
; CURRENT APPLICATION NUMBER: US/10/223,082
; CURRENT FILING DATE: 2002-08-16
; PRIOR APPLICATION NUMBER: US 10/981,056
; PRIOR FILING DATE: 2002-02-20
; PRIOR APPLICATION NUMBER: US 60/213,637
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; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/219,556
; PRIOR FILING DATE: 2000-07-20
; PRIOR APPLICATION NUMBER: US 60/220,624
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: US 60/220,664
; PRIOR FILING DATE: 2000-07-25
; PRIOR APPLICATION NUMBER: PCT/US00/20710
; PRIOR FILING DATE: 2000-07-28
; PRIOR APPLICATION NUMBER: US 60/222,695
; PRIOR FILING DATE: 2000-08-02
; PRIOR APPLICATION NUMBER: US 09/643,657
; PRIOR FILING DATE: 2000-08-17
; PRIOR APPLICATION NUMBER: PCT/US00/23522
; PRIOR FILING DATE: 2000-08-23
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 383
; SEQ ID NO 2
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-223-082-2

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
Db      1  MAFTFAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

Qy      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCOKEGW 120
Db      61  FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCOKEGW 120

Qy      121  CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121  CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 187
US-10-145-087A-322
; Sequence 322, Application US/10145087A
; Publication No. US20030194410A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deenoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Sheiton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
```

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; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Agids Encoding the Same
; FILE REFERENCE: P2630P1C64
; CURRENT APPLICATION NUMBER: US/10/017,086A
; CURRENT FILING DATE: 2002-04-30
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-086A-322

Query Match      100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred.No.5.8e-78; Indels 0; Gaps 0
Matches 144; Conservative 0; Mismatches 0;

QY      1  MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKKNPIDQCNTLNPLVLPYLIHA 60
DB      1  MAFTFAAFCYMALLLTAALIFFAIWHIIAFDELKTDYKKNPIDQCNTLNPLVLPYLIHA 60

QY      61  FFCVMFLCAAEWLTLGLNPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQEGW 120
DB      61  FFCVMFLCAAEWLTLGLNPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQEGW 120

QY      121  CKLAFYLLAFYYLYGMIYVLVSS 144
DB      121  CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 189
US-10-164-829A-322
; Sequence 322, Application US/10164829A
; Publication No. US20030194780A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnayers, Luc

```

APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic



```

; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630PIC28
; CURRENT APPLICATION NUMBER: US/10/164, 829A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-829A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

Qy 61 FFCWFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120

Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 190
US-10-164-929A-322
; Sequence 322, Application US/10164929A
; Publication No. US20030194781A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC36
; CURRENT APPLICATION NUMBER: US/10/164, 929A
; CURRENT FILING DATE: 2001-10-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-164-929A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60

Qy 61 FFCWFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120
Db 61 FFCWFLCAAEWLTGLNMPLLAYHIWYMRPVMSPGSLYDPTTINMADILAYCQKEGW 120

Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 191
US-10-013-922A-322
; Sequence 322, Application US/10013922A
; Publication No. US20030195345A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
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;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084639  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084640  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084598  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084600  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/085339  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 NAFTFAACYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60  
Db 1 NAFTFAACYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIIHA 60  
  
Qy 61 PFCVWFLCAAEWLTGLNPLIAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGW 120  
Db 61 PFCVWFLCAAEWLTGLNPLIAYHWRVMSRPVMSGPLGYDPTTMMNADILAYCQKGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 192  
US-10-020-445A-322  
; Sequence 322, Application US/10020445A  
; Publication No. US20030198994A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang

;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kljavin, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James;  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey  
;; APPLICANT: Wood, William I.  
;; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
;; FILE REFERENCE: P2630P1C74  
;; CURRENT APPLICATION NUMBER: US/10/020,445A  
;; PRIOR FILING DATE: 2001-10-24  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; PRIOR APPLICATION NUMBER: 60/078004  
;; PRIOR FILING DATE: 1998-03-13  
;; PRIOR APPLICATION NUMBER: 60/078886  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078936  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/078939  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
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;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079664  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079689  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079663  
;; PRIOR FILING DATE: 1998-03-27  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
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;; PRIOR APPLICATION NUMBER: 60/079920  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/079923  
;; PRIOR FILING DATE: 1998-03-30  
;; PRIOR APPLICATION NUMBER: 60/080105  
;; PRIOR FILING DATE: 1998-03-31

Tue Jun 15 08:30:07 2004

;; PRIOR APPLICATION NUMBER: 60/080107  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080165  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080194  
;; PRIOR FILING DATE: 1998-03-31  
;; PRIOR APPLICATION NUMBER: 60/080327  
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;; PRIOR APPLICATION NUMBER: 60/080328  
;; PRIOR FILING DATE: 1998-04-01  
;; PRIOR APPLICATION NUMBER: 60/080333  
;; PRIOR FILING DATE: 1998-04-01  
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;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081817  
;; PRIOR FILING DATE: 1998-04-15  
;; PRIOR APPLICATION NUMBER: 60/081819  
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;; PRIOR APPLICATION NUMBER: 60/081952  
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;; PRIOR APPLICATION NUMBER: 60/081838  
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;; PRIOR APPLICATION NUMBER: 60/082568  
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;; PRIOR APPLICATION NUMBER: 60/082796  
;; PRIOR FILING DATE: 1998-04-23  
;; PRIOR APPLICATION NUMBER: 60/083336  
;; PRIOR FILING DATE: 1998-04-27  
;; PRIOR APPLICATION NUMBER: 60/083322  
;; PRIOR FILING DATE: 1998-04-28  
;; PRIOR APPLICATION NUMBER: 60/083392  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083495  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083496  
;; PRIOR FILING DATE: 1998-04-29  
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;; PRIOR APPLICATION NUMBER: 60/083545  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083554  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083558  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083559  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083500  
;; PRIOR FILING DATE: 1998-04-29  
;; PRIOR APPLICATION NUMBER: 60/083742

;; PRIOR FILING DATE: 1998-04-30  
;; PRIOR APPLICATION NUMBER: 60/084366  
;; PRIOR FILING DATE: 1998-05-05  
;; PRIOR APPLICATION NUMBER: 60/084414  
;; PRIOR FILING DATE: 1998-05-06  
;; PRIOR APPLICATION NUMBER: 60/084441  
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;; PRIOR APPLICATION NUMBER: 60/084637  
;; PRIOR FILING DATE: 1998-05-07  
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;; PRIOR APPLICATION NUMBER: 60/084627  
;; PRIOR FILING DATE: 1998-05-07  
;; PRIOR APPLICATION NUMBER: 60/084643  
;; PRIOR FILING DATE: 1998-05-07  
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;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085338  
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;; PRIOR APPLICATION NUMBER: 60/085323  
;; PRIOR FILING DATE: 1998-05-13  
;; PRIOR APPLICATION NUMBER: 60/085582  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085700  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085689  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085579  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085580  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085573  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085704  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697  
;; PRIOR FILING DATE: 1998-05-15  
;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 14; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MATFAAFCCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQCNTLNLPLVPEYLIHA 60  
Db 1 MATFAAFCCYMLALLTAAIIFFAIWHIIAFDELKTDYKNPIDQCNTLNLPLVPEYLIHA 60

Qy 61 FFCVMEFLCAAEWLTGLNMFZLLAYHWYMSRPFVMSGPGLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMEFLCAAEWLTGLNMFZLLAYHWYMSRPFVMSGPGLYDPTTINADILAYCQKEGW 120

Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 193  
US-10-013-924A-322  
; Sequence 322, Application US/10013924A  
; Publication No. US20030199021A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman

```

; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C76
; CURRENT APPLICATION NUMBER: US/10/013,924A
; CURRENT FILING DATE: 2002-12-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-924A-322

Query Match 100.0%; Score 784; DB 14; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPLVLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPLVLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 194
US-10-017-084A-322
; Sequence 322, Application US/10017084A
; Publication No. US20030203402A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; TITLE OF INVENTION: Acids Encoding the Same
; FILE REFERENCE: P2630P1C66
; CURRENT APPLICATION NUMBER: US/10/017,084A
; CURRENT FILING DATE: 2002-04-30
; Prior application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-017-084A-322

Query Match 100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPLVLIHA 60
Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPLVLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRVMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

RESULT 195
US-10-017-085A-322
; Sequence 322, Application US/10017085A
; Publication No. US20030204055A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter

```

APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Type: PRT  
ORGANISM: Homo sapiens  
US-10-017-085A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
DB 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYXGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYXGMIYLVSS 144

RESULT 196  
US-10-013-916A-322  
Sequence 322, Application US/10013916A  
Publication No. US20030206915A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.

APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Type: PRT  
ORGANISM: Homo sapiens  
US-10-013-916A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
DB 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYXGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYXGMIYLVSS 144

RESULT 197  
US-10-143-026B-322  
Sequence 322, Application US/10143026B  
Publication No. US20030207803A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
APPLICANT: Type: PRT  
ORGANISM: Homo sapiens  
US-10-013-916A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
DB 1 MAFTFAAFYLLALITLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
QY 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
DB 61 FFCVNFCAAEWLTGLNMLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYXGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYXGMIYLVSS 144

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; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-143-026B-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
QY 61 FFCVWELCAEWLTGLNMPFLAYHWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVWELCAEWLTGLNMPFLAYHWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 198
US-10-013-918A-322
; Sequence 322, Application US/10013918A
; Publication No. US20030211091A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavini, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
```

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; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C77
; CURRENT APPLICATION NUMBER: US/10/013,918A
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; PRIOR APPLICATION NUMBER: 60/078004
; PRIOR FILING DATE: 1998-03-13
; PRIOR APPLICATION NUMBER: 60/078886
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078936
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/078939
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079664
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079689
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079663
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079786
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/079920
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/079923
; PRIOR FILING DATE: 1998-03-30
; PRIOR APPLICATION NUMBER: 60/080105
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080107
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080165
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080194
; PRIOR FILING DATE: 1998-03-31
; PRIOR APPLICATION NUMBER: 60/080327
; PRIOR FILING DATE: 1998-04-01
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; PRIOR APPLICATION NUMBER: 60/080333
; PRIOR FILING DATE: 1998-04-01
; PRIOR APPLICATION NUMBER: 60/080334
; PRIOR FILING DATE: 1998-04-01
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PRIOR APPLICATION NUMBER: 60/081070  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081049  
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PRIOR APPLICATION NUMBER: 60/081071  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081195  
PRIOR FILING DATE: 1998-04-08  
PRIOR APPLICATION NUMBER: 60/081203  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081229  
PRIOR FILING DATE: 1998-04-09  
PRIOR APPLICATION NUMBER: 60/081955  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081817  
PRIOR FILING DATE: 1998-04-15  
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PRIOR APPLICATION NUMBER: 60/081952  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/081838  
PRIOR FILING DATE: 1998-04-15  
PRIOR APPLICATION NUMBER: 60/082568  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082569  
PRIOR FILING DATE: 1998-04-21  
PRIOR APPLICATION NUMBER: 60/082704  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082804  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082700  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082797  
PRIOR FILING DATE: 1998-04-22  
PRIOR APPLICATION NUMBER: 60/082796  
PRIOR FILING DATE: 1998-04-23  
PRIOR APPLICATION NUMBER: 60/083336  
PRIOR FILING DATE: 1998-04-27  
PRIOR APPLICATION NUMBER: 60/083322  
PRIOR FILING DATE: 1998-04-28  
PRIOR APPLICATION NUMBER: 60/083392  
PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
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PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083559  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083500  
PRIOR FILING DATE: 1998-04-29  
PRIOR APPLICATION NUMBER: 60/083742  
PRIOR FILING DATE: 1998-04-30  
PRIOR APPLICATION NUMBER: 60/084366  
PRIOR FILING DATE: 1998-05-05  
PRIOR APPLICATION NUMBER: 60/084414  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084441  
PRIOR FILING DATE: 1998-05-06  
PRIOR APPLICATION NUMBER: 60/084637  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084639  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084640  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084598

PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084600  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084627  
PRIOR FILING DATE: 1998-05-07  
PRIOR APPLICATION NUMBER: 60/084643  
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PRIOR APPLICATION NUMBER: 60/085339  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085338  
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PRIOR APPLICATION NUMBER: 60/085323  
PRIOR FILING DATE: 1998-05-13  
PRIOR APPLICATION NUMBER: 60/085582  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085700  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085689  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085579  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085580  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085573  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085704  
PRIOR FILING DATE: 1998-05-15  
PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTAPLVLPEYLHA 60  
Db 1 MAFTFAFCVMLALLTLTAALIFPAIWHIIAFDELKTDYKNPIDQCNLTAPLVLPEYLHA 60  
QY 61 FFCVMFLCAAEMTLGLNMLLAYHWRVMSRPMVMSGPGLYDPTTINNADILAYCQEGW 120  
Db 61 FFCVMFLCAAEMTLGLNMLLAYHWRVMSRPMVMSGPGLYDPTTINNADILAYCQEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 199  
US-10-013-928A-322  
Sequence 322, Application US/10013928A  
Publication No. US20030215905A1  
GENERAL INFORMATION:  
APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann



```
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C86
; CURRENT APPLICATION NUMBER: US/10/013,928A
; CURRENT FILING DATE: 2001-10-25
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-928A-322
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Query Match 100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60
Db 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
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RESULT 200
US-10-162-522A-322
; Sequence 322, Application US/10162522A
; Publication No. US20030215908A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Fillvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
```

```
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C56
; CURRENT APPLICATION NUMBER: US/10/162,522A
; CURRENT FILING DATE: 2002-10-10
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-162-522A-322
```

```
Query Match 100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60
Db 1 MAFTFAFCYMLALLLTAAIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIVLVSS 144
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RESULT 201
US-10-013-923A-322
; Sequence 322, Application US/10013923A
; Publication No. US20030216305A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
```



```
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC88
; CURRENT APPLICATION NUMBER: US/10/013,927A
; CURRENT FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-013-927A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 204
US-10-145-093A-322
; Sequence 322, Application US/10145093A
; Publication No. US20040005312A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC48
; CURRENT APPLICATION NUMBER: US/10/145,093A
; CURRENT FILING DATE: 2001-10-18
; Prior Application Number: 09/918585
; Prior Filing Date: 2001-07-30
; Prior Application Number: 60/062250
; Prior Filing Date: 1997-10-17
; Prior Application Number: 60/064249
```

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; PRIOR FILING DATE: 1997-11-03
; PRIOR APPLICATION NUMBER: 60/065311
; PRIOR FILING DATE: 1997-11-13
; PRIOR APPLICATION NUMBER: 60/066364
; PRIOR FILING DATE: 1997-11-21
; PRIOR APPLICATION NUMBER: 60/077450
; PRIOR FILING DATE: 1998-03-10
; PRIOR APPLICATION NUMBER: 60/077632
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077641
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077649
; PRIOR FILING DATE: 1998-03-11
; PRIOR APPLICATION NUMBER: 60/077791
; PRIOR FILING DATE: 1998-03-12
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-145-093A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINNADILAYCQKEGW 120

QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 205
US-10-013-919A-322
; Sequence 322, Application US/10C13919A
; Publication No. US20040005657A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnovers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
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;; TITLE OF INVENTION: Acids Encoding the Same  
;; FILE REFERENCE: P2630PIC85  
;; CURRENT APPLICATION NUMBER: US/10/013,919A  
;; CURRENT FILING DATE: 2001-10-25  
;; PRIOR APPLICATION NUMBER: 09/918585  
;; PRIOR FILING DATE: 2001-07-30  
;; PRIOR APPLICATION NUMBER: 60/062250  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/064249  
;; PRIOR FILING DATE: 1997-11-03  
;; PRIOR APPLICATION NUMBER: 60/065311  
;; PRIOR FILING DATE: 1997-11-13  
;; PRIOR APPLICATION NUMBER: 60/066364  
;; PRIOR FILING DATE: 1997-11-21  
;; PRIOR APPLICATION NUMBER: 60/077450  
;; PRIOR FILING DATE: 1998-03-10  
;; PRIOR APPLICATION NUMBER: 60/077632  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077641  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077649  
;; PRIOR FILING DATE: 1998-03-11  
;; PRIOR APPLICATION NUMBER: 60/077791  
;; PRIOR FILING DATE: 1998-03-12  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 624  
;; SEQ ID NO 322  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo sapiens  
US-10-013-919A-322

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAACVYMLALITLTAALIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
Db 1 MAFTFAACVYMLALITLTAALIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
  
Qy 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTNNADILAYCQKEGW 120  
Db 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTNNADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 206  
US-10-232-226-120  
;; Sequence 120, Application US/10232226  
;; Publication No. US20040006206A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Gerritsen, Mary  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Smith, Victoria  
;; APPLICANT: Stephan, Jean-Philippe F.  
;; APPLICANT: Watanabe, Colin L.  
;; APPLICANT: Wood, William I.

;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC  
;; FILE OF INVENTION: ACIDS ENCODING THE SAME  
;; FILE REFERENCE: P3530PIC110  
;; CURRENT APPLICATION NUMBER: US/10/232,226  
;; CURRENT FILING DATE: 2002-08-29  
;; PRIOR APPLICATION NUMBER: 10/119,480  
;; PRIOR FILING DATE: 2002-04-09  
;; PRIOR APPLICATION NUMBER: 60/059113

;; PRIOR FILING DATE: 1997-09-17  
;; PRIOR APPLICATION NUMBER: 60/062287  
;; PRIOR FILING DATE: 1997-10-17  
;; PRIOR APPLICATION NUMBER: 60/063549  
;; PRIOR FILING DATE: 1997-10-28  
;; PRIOR APPLICATION NUMBER: 60/064103  
;; PRIOR FILING DATE: 1997-10-31  
;; PRIOR APPLICATION NUMBER: 60/069873  
;; PRIOR FILING DATE: 1997-12-17  
;; PRIOR APPLICATION NUMBER: 60/078910  
;; PRIOR FILING DATE: 1998-03-20  
;; PRIOR APPLICATION NUMBER: 60/079294  
;; PRIOR FILING DATE: 1998-03-25  
;; PRIOR APPLICATION NUMBER: 60/079656  
;; PRIOR FILING DATE: 1998-03-26  
;; PRIOR APPLICATION NUMBER: 60/079728  
;; PRIOR FILING DATE: 1998-03-27  
;; Remaining Prior Application data removed - See File Wrapper or PALM.  
;; NUMBER OF SEQ ID NOS: 246  
;; SEQ ID NO 120  
;; LENGTH: 144  
;; TYPE: PRT  
;; ORGANISM: Homo Sapien  
US-10-232-226-120

Query Match 100.0%; Score 784; DB 15; Length 144;  
Best Local Similarity 100.0%; Pred. No. 5.8e-78;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAACVYMLALITLTAALIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
Db 1 MAFTFAACVYMLALITLTAALIFFAIWHIIAFDELKTYKNPIDQNTLNPLVPEYLHA 60  
  
Qy 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTNNADILAYCQKEGW 120  
Db 61 FFCVWFLCAEAWLTGLNMPILAYHIWYMSRPVMSGPGLYDPTTNNADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 207  
US-10-013-920A-322  
;; Sequence 322, Application US/10013920A  
;; Publication No. US20040006219A1  
;; GENERAL INFORMATION:  
;; APPLICANT: Ashkenazi, Avi  
;; APPLICANT: Baker, Kevin P.  
;; APPLICANT: Botstein, David  
;; APPLICANT: Desnoyers, Luc  
;; APPLICANT: Eaton, Dan  
;; APPLICANT: Ferrara, Napoleon  
;; APPLICANT: Filvaroff, Ellen  
;; APPLICANT: Fong, Sherman  
;; APPLICANT: Gao, Wei-Qiang  
;; APPLICANT: Gerber, Hanspeter  
;; APPLICANT: Gerritsen, Mary E.  
;; APPLICANT: Goddard, Audrey  
;; APPLICANT: Godowski, Paul J.  
;; APPLICANT: Grimaldi, J. Christopher  
;; APPLICANT: Gurney, Austin L.  
;; APPLICANT: Hillan, Kenneth J.  
;; APPLICANT: Kijavini, Ivar J.  
;; APPLICANT: Kuo, Sophia S.  
;; APPLICANT: Napier, Mary A.  
;; APPLICANT: Pan, James  
;; APPLICANT: Paoni, Nicholas F.  
;; APPLICANT: Roy, Margaret Ann  
;; APPLICANT: Shelton, David L.  
;; APPLICANT: Stewart, Timothy A.  
;; APPLICANT: Tumas, Daniel  
;; APPLICANT: Williams, P. Mickey

```
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C78
; CURRENT APPLICATION NUMBER: US/10/013,920A
; PRIOR FILING DATE: 2001-10-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 624
; SEQ ID NO 322
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-013-920A-322

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 208
US-10-230-130-120
; Sequence 120, Application US/10230130
; Publication No. US20040019183A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe P.
; APPLICANT: Watanabe, Colin L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C101
; CURRENT APPLICATION NUMBER: US/10/230,130
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
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; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-130-120

Query Match      100.0%; Score 784; DB 15; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 209
US-10-119-480-120
; Sequence 120, Application US/10119480
; Publication No. US20040087769A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe P.
; APPLICANT: Watanabe, Colin L.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C1
; CURRENT APPLICATION NUMBER: US/10/119,480
; CURRENT FILING DATE: 2002-04-09
; NUMBER OF SEQ ID NOS: 246
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 120
; LENGTH: 144
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-119-480-120

Query Match      100.0%; Score 784; DB 16; Length 144;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
Db 61 FFCVMFLCAAEWLTGLNNPELLAYHIWRYMSRPVMSGPGLYDPTTMMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144

RESULT 210
US-09-729-835-63
; Sequence 63, Application US/09729835
; Patent No. US20010016647A1
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; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 29 Human Secreted Proteins
; FILE REFERENCE: P2015P1
; CURRENT APPLICATION NUMBER: US/09/729,835
; CURRENT FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: 09/257,179
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 60/056,270
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,271
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,247
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,073
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
; NAME/KEY: SITE
; LOCATION: (145)
; OTHER INFORMATION: Xaa equals stop translation
; US-09-729-835-63

Query Match      100.0%; Score 784; DB 9; Length 145;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHA 60
Db      1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHA 60
QY      61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
QY      121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121 CKLAFYLLAFFYLYGMIYVLVSS 144

; RESULT 211
; US-10-373-809-63
; Sequence 63, Application US/10373809
; Publication No. US20040023260A1
; GENERAL INFORMATION:
; APPLICANT: Ruben et al.
; TITLE OF INVENTION: 29 Human Secreted Proteins
; FILE REFERENCE: P2015P1
; CURRENT APPLICATION NUMBER: US/10/373,809
; CURRENT FILING DATE: 2003-02-27
; PRIOR APPLICATION NUMBER: US/09/729,835
; PRIOR FILING DATE: 2000-12-06
; PRIOR APPLICATION NUMBER: 09/257,179
; PRIOR FILING DATE: 1999-02-25
; PRIOR APPLICATION NUMBER: 60/056,270
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,271
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,247
; PRIOR FILING DATE: 1997-08-29
; PRIOR APPLICATION NUMBER: 60/056,073
; PRIOR FILING DATE: 1997-08-29
; NUMBER OF SEQ ID NOS: 128
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 63
; LENGTH: 145
; TYPE: PRT
; ORGANISM: Homo sapiens
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; FEATURE:
; NAME/KEY: SITE
; LOCATION: (145)
; OTHER INFORMATION: Xaa equals stop translation
; US-10-373-809-63

Query Match      100.0%; Score 784; DB 16; Length 145;
Best Local Similarity 100.0%; Pred. No. 5.8e-78;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHA 60
Db      1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHA 60
QY      61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
Db      61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGW 120
QY      121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db      121 CKLAFYLLAFFYLYGMIYVLVSS 144

; RESULT 212
; US-09-765-205-2
; Sequence 2, Application US/09765205
; Patent No. US20020034800A1
; GENERAL INFORMATION:
; APPLICANT: Cao, Li
; TITLE OF INVENTION: BONE MARROW SECRETED PROTEINS AND POLYNUCLEOTIDES
; FILE REFERENCE: 1458.004/200130.449
; CURRENT APPLICATION NUMBER: US/09/765,205
; CURRENT FILING DATE: 2001-01-17
; PRIOR APPLICATION NUMBER: US/03/212,440
; PRIOR FILING DATE: 1998-12-16
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 3.0
; SEQ ID NO 2
; LENGTH: 142
; TYPE: PRT
; ORGANISM: human
; US-09-765-205-2

Query Match      98.9%; Score 775; DB 9; Length 142;
Best Local Similarity 100.0%; Pred. No. 5.5e-77;
Matches 142; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      3 FTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHAFF 62
Db      1 FTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPVLPEYLIHAFF 60
QY      63 CVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGWCK 122
Db      61 CVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCOKEGWCK 120
QY      123 LAFYLLAFFYLYGMIYVLVSS 144
Db      121 LAFYLLAFFYLYGMIYVLVSS 142

Search completed: June 14, 2004, 20:43:35
Job time : 90 secs
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GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 14, 2004, 20:23:11 ; Search time 31 Seconds  
(without alignments)  
446.825 Million cell updates/sec

Title: US-09-978-298A-322  
Perfect score: 784  
Sequence: 1 MAFTFAACVYMLALLTAAL.....FYLLAFFYLYGMIVLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 283366 seqs, 96191526 residues

Total number of hits satisfying chosen parameters: 0

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 6500 summaries

Database :

PIR 78:\*  
1: PIR1.\*  
2: PIR2.\*  
3: PIR3.\*  
4: PIR4.\*

Pred. No. is the number of results predicted by chance to have a  
score greater than or equal to the score of the result being printed,  
and is derived by analysis of the total score distribution.

#### SUMMARIES

Result	Query	
No.	Score	Match Length DB ID Description
-----		
No matches found		

Search completed: June 14, 2004, 20:37:22  
Job time : 33 secs

GenCore version 5.1.6  
Copyright (c) 1993 - 2004 Compugen Ltd.

OM protein - protein search, using sw model

Run on: June 14, 2004, 18:58:11 ; Search time 21 Seconds  
(without alignments)  
357.052 Million cell updates/sec

Title: US-09-978-298a-322  
Perfect score: 784  
Sequence: 1 MAFTFAFCYMLALLTLAL.....FYLLAFYLYGMIVLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 141681 seqs, 52070155 residues

Total number of hits satisfying chosen parameters: 2

Minimum DB seq length: 0  
Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%  
Maximum Match 100%  
Listing first 65000 summaries

Database : SwissProt\_42.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	784	100.0	144	1 CNIH_HUMAN	O95406 homo sapien
2	778	99.2	144	1 CNIH_MOUSE	O35372 mus musculus

ALIGNMENTS

RESULT 1  
CNIH\_HUMAN  
ID CNIH\_HUMAN STANDARD; PRT; 144 AA.  
AC O95406;  
DT 30-MAY-2000 (Rel. 39, Created)  
DT 30-MAY-2000 (Rel. 39, Last sequence update)  
DT 28-FEB-2003 (Rel. 41, Last annotation update)  
DE Cornichon homolog (TCAM77).  
GN CNIH OR CNIL.  
OS Homo sapiens (Human).  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
OC Mammalia; Eutheria; Primates; Catarrhini; Hominidae; Homo.  
OX NCBI\_TaxID=9606;  
[1]  
RN R  
RP  
RQ  
RS  
RT  
SEQUENCE FROM N.A.  
MEDLINE=20499367; PubMed=11042152;  
RA Zhang Q.-H., Ye M., Wu X.-Y., Ren S.-X., Zhao M., Zhao C.-J., Fu G.,  
RA Shen Y., Fan H.-Y., Lu G., Zhong M., Xu X.-R., Han Z.-G., Zhang J.-W.,  
RA Tao J., Huang Q.-H., Zhou J., Hu G.-X., Gu J., Chen S.-J., Chen Z.;  
"Cloning and functional analysis of cDNAs with open reading frames for

300 previously undefined genes expressed in CD34+ hematopoietic stem/progenitor cells.";  
Genome Res. 10:1546-1560(2000).  
[3]  
SEQUENCE OF 11-144 FROM N.A.  
MEDLINE=99227056; PubMed=10209299;  
RA Utku N., Bulwin G.-C., Beinke S., Heinemann T., Beato F., Randall J.,  
RA Schnieders B., Sandhoff K., Volk H.-D., Milford E., Gullans S.R.;  
"The human homolog of Drosophila cornichon protein is differentially  
expressed in alloactivated T-cells";  
RL Biochim. Biophys. Acta 1449:203-210(1999).  
CC -1- SUBCELLULAR LOCATION: Integral membrane protein (Potential).  
CC muscle, pancreas, adrenal medulla and cortex, thyroid, testis,  
CC spleen, appendix, peripheral blood lymphocytes and bone marrow.  
CC Lower expression found in brain, placenta, lung, kidney, ovary,  
CC small intestine, stomach, lymph node, thymus and fetal liver.  
CC -1- SIMILARITY: Belongs to the cornichon family.  
-----  
CC This SWISS-PROT entry is copyright. It is produced through a collaboration  
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CC the European Bioinformatics Institute. There are no restrictions on its  
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CC entities requires a license agreement (See http://www.isb-sib.ch/announce/  
CC or send an email to license@isb-sib.ch).  
-----  
CC EMBL; AF104398; AAC98388.1; -  
CC DR EMBL; AF070654; AAD20960.1; -  
CC DR EMBL; AF031379; AAD32301.1; -  
CC DR Genew; HGNC:19431; CNIH.  
CC DR GO; GO:0008955; P:immune response; TAS.  
CC DR GO; GO:0007165; P:signal transduction; TAS.  
CC DR InterPro; IPR003377; Cornichon.  
CC DR Pfam; PF03311; Cornichon; 1.  
CC DR PROSITE; PS01340; CORNICHON; 1.  
CC KW Transmembrane  
FT TRANSMEM 11 31 POTENTIAL.  
FT TRANSMEM 57 77 POTENTIAL.  
FT TRANSMEM 123 143 POTENTIAL.  
SQ SEQUENCE 144 AA; 16699 MW; 59BD114D24C455CD CRC64;  
  
Query Match 100.0%; Score 784; DB 1; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2e-67;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
QY 1 MAFTFAFCYMLALLTLALIFFALWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
Db 1 MAFTFAFCYMLALLTLALIFFALWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
  
QY 61 FFCVNFCAAEWLTGLNMPLLAYHIVRYMSRPVWSGPLYDPTTINADILAYCQKSGW 120  
Db 61 FFCVNFCAAEWLTGLNMPLLAYHIVRYMSRPVWSGPLYDPTTINADILAYCQKSGW 120  
  
QY 121 CKLAFYLLAFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFYLYGMIVLVSS 144  
  
RESULT 2  
CNIH\_MOUSE  
ID CNIH\_MOUSE STANDARD; PRT; 144 AA.  
AC O35372;  
DT 30-MAY-2000 (Rel. 39, Created)  
DT 30-MAY-2000 (Rel. 39, Last sequence update)  
DT 30-MAY-2000 (Rel. 39, Last annotation update)  
DE Cornichon homolog.  
GN CNIH.  
OS Mus musculus (Mouse).  
OC Eukaryota; Metazoa; Chordata; Craniata; Vertebrata; Euteleostomi;  
OC Mammalia; Eutheria; Rodentia; Sciurognathi; Muridae; Murinae; Mus.  
OX NCBI\_TaxID=10090;  
[1]  
RN R  
RP  
RQ  
RS  
RT



RP SEQUENCE FROM N.A.  
RC STRAIN=B6D2;  
RX MEDLINE=99147138; PubMed=10022955;  
RA Hwang S.-Y., Oh B., Zhang Z., Miller W., Solter D., Knowles B.B.;  
RT "The mouse cornichon gene family.";  
RL Dev. Genes Evol. 209:120-125(1999).  
CC -!- SUBCELLULAR LOCATION: Integral membrane protein (Potential).  
CC -!- TISSUE SPECIFICITY: Expressed in oocytes, and at a basal level in  
CC ovarian somatic cells of 6-week-old mouse. Expressed in adult  
CC brain.  
CC -!- DEVELOPMENTAL STAGE: Abundant in full grown oocyte and the  
CC ovulated unfertilized egg, shows a slight decrease 12 hours after  
CC fertilization. Transcripts from the activated embryonic genome are  
CC present in the eight-cell embryo.  
CC -!- SIMILARITY: Belongs to the cornichon family.  
CC -----  
CC This SWISS-PROT entry is copyright. It is produced through a collaboration  
CC between the Swiss Institute of Bioinformatics and the EMBL outstation -  
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CC or send an email to [license@isb-sib.ch](mailto:license@isb-sib.ch)).  
CC -----  
DR EMBL; AF022811; AAC15828.1; -.  
DR MGD; MGI:1277202; Cnih.  
DR InterPro; IPR003377; Cornichon.  
DR Pfam; PF03311; Cornichon; 1.  
DR PROSITE; PS01340; CORNICHON; 1.  
KW Transmembrane.  
FT TRANSMEM 11 31 POTENTIAL.  
FT TRANSMEM 57 77 POTENTIAL.  
FT TRANSMEM 123 143 POTENTIAL.  
SQ SEQUENCE 144 AA; 16713 MW; DF66786D24C455CA CRC64;  
  
Query Match 99.2%; Score 778; DB 1; Length 144;  
Best Local Similarity 99.3%; Pred. No. 7.3e-67;  
Matches 143; Conservative 0; Mismatches 1; Indels 0; Gaps 0;  
  
QY 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKNDIDQNTLNPLVPEYLIHA 60  
Db 1 MAFTFAAFPCYMLALLTAALIFFAFHIIAFDELKTDYKNDIDQNTLNPLVPEYLIHA 60  
  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINADILAYCQKEGW 120  
  
QY 121 CKLAFYLLAFYLYGMIVYLVSS 144  
Db 121 CKLAFYLLAFYLYGMIVYLVSS 144

Search completed: June 14, 2004, 20:35:20  
Job time : 23 secs

GenCore version 5.1.6  
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OM protein - protein search, using sw model

Run on: June 14, 2004, 20:19:31 ; Search time 75 Seconds  
(without alignments)  
605.795 Million cell updates/sec

Title: US-09-978-298a-322  
Perfect score: 784  
Sequence: 1 MAFTFAAFCYMLALLTAAL.....FYLLAFFYLYGMIVLVSS 144

Scoring table:  
Gapop 10.0 , Gapext 0.5

Searched: 1017041 seqs, 315518202 residues

Total number of hits satisfying chosen parameters: 1

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database :

- 1: sp\_arChaea.\*
- 2: sp\_bacteria.\*
- 3: sp\_fungi.\*
- 4: sp\_human.\*
- 5: sp\_invertebrate.\*
- 6: sp\_mammal.\*
- 7: sp\_mhc.\*
- 8: sp\_organelle.\*
- 9: sp\_phage.\*
- 10: sp\_plant.\*
- 11: sp\_rodent.\*
- 12: sp\_virus.\*
- 13: sp\_vertebrate.\*
- 14: sp\_unclassified.\*
- 15: sp\_virus.\*
- 16: sp\_bacteriap.\*
- 17: sp\_archaeap.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES				Description
Result No.	Score	Query Match	Length DB ID	
1	634	80.9	144 5 Q9BJN0	Q9bjn0 boltenia vi

ALIGNMENTS

RESULT 1  
Q9BJN0  
ID Q9BJN0 PRELIMINARY; PRT; 144 AA.  
AC Q9BJN0;  
DT 01-JUN-2001 (TREMELrel. 17, Created)  
DT 01-JUN-2001 (TREMELrel. 17, Last sequence update)  
DT 01-JUN-2003 (TREMELrel. 24, Last annotation update)  
DE Cornichon.  
GN CNIB.  
OS Boltenia villosa.

OC Eukaryota; Metazoa; Chordata; Urochordata; Ascidiacea;  
OC Stolidobranchia; Pyridae; Boltenia.  
OX NCBI\_TaxID=63515;  
RN [1]  
RP SEQUENCE FROM N.A.  
RX MEDLINE=21347415; PubMed=11455434;  
RA Davidson B., Swalla B.J.;  
RT "Isolation of genes involved in ascidian metamorphosis: epidermal  
growth factor signaling and metamorphic competence.";  
RL Dev. Genes Evol. 211:190-194 (2001).  
DR EMBL; AF329820; AAK15762.1;  
DR GO; GO:0016020; C:membrane; IEA.  
DR GO; GO:0007242; P:intracellular signaling cascade; IEA.  
DR InterPro; IPR003377; Cornichon.  
DR Pfam; PF03311; Cornichon; 1.  
DR PROSITE; PS01340; CORNICHON; 1.  
SQ SEQUENCE 144 AA; 16960 MW; 69A4B594D322960C CRC64;

Query Match 80.9%; Score 634; DB 5; Length 144;  
Best Local Similarity 76.2%; Pred. No. 9.9e-60;  
Matches 109; Conservative 18; Mismatches 16; Indels 0; Gaps 0;  
Qy 1 MAFTFAAFCYMLALLTAAL...FFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60  
Db 1 MAFTFAAFCYIAAILLTAAL...FFFAIWHIIAFDELKTDYKNPIDQNTLNPLVLYLHA 60  
Qy 61 FFCVMFLCAAELWTLGLNMLLAYHIIWRVMSRPVMSGFLYDPTTINMADILAYCOKEGW 120  
Db 61 FFTLLFLWGGEWTVTALNMLPLIGNVWRVYLRHPVMSAPGLYDPTTINMADILAYCOKEGW 120  
Qy 121 CKLAFYLLAFYLYGMIVLVVS 143  
Db 121 CKLAFYLLISFFYLYRMIVLVLT 143

Search completed: June 14, 2004, 20:36:43  
Job time : 77 secs

GenCore version 5.1.1-ε  
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OM protein - protein search, using sw model

Run on: June 14, 2004, 18:56:06 ; Search time 87 Seconds

(without alignments)

467.665 Million cell updates/sec

Title: US-09-978-298a-322

Perfect score: 784

Sequence: 1 MAFTFAAFYCYMLALLTAAL.....FYLLAFFYLYGMIVLVSS 144

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1586107 seqs, 282547505 residues

Total number of hits satisfying chosen parameters: 121

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

Database :

A Geneseq\_29Jan04.\*

1: Geneseqp1980s.\*

2: Geneseqp1990s.\*

3: Geneseqp2000s.\*

4: Geneseqp2001s.\*

5: Geneseqp2002s.\*

6: Geneseqp2003as.\*

7: Geneseqp2003bs.\*

8: Geneseqp2004s.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

## SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	784	100.0	144	2	AA28813 pk65.4 se
2	784	100.0	144	2	AA28813 Human PRO
3	784	100.0	144	2	AA28813 Human PRO
4	784	100.0	144	2	AA28813 Human PRO
5	784	100.0	144	2	AA28813 Human PRO
6	784	100.0	144	2	AA28813 Human PRO
7	784	100.0	144	2	AA28813 Human PRO
8	784	100.0	144	2	AA28813 Human PRO
9	784	100.0	144	2	AA28813 Human PRO
10	784	100.0	144	2	AA28813 Human PRO
11	784	100.0	144	2	AA28813 Human PRO
12	784	100.0	144	2	AA28813 Human PRO
13	784	100.0	144	2	AA28813 Human PRO
14	784	100.0	144	2	AA28813 Human PRO
15	784	100.0	144	2	AA28813 Human PRO
16	784	100.0	144	2	AA28813 Human PRO
17	784	100.0	144	2	AA28813 Human PRO
18	784	100.0	144	2	AA28813 Human PRO
19	784	100.0	144	2	AA28813 Human PRO
20	784	100.0	144	2	AA28813 Human PRO
21	784	100.0	144	2	AA28813 Human PRO
22	784	100.0	144	2	AA28813 Human PRO
23	784	100.0	144	2	AA28813 Human PRO
24	784	100.0	144	2	AA28813 Human PRO
25	784	100.0	144	2	AA28813 Human PRO

26	784	100.0	144	6	ABJ72287	Human PRO
27	784	100.0	144	6	ABJ72287	Human PRO
28	784	100.0	144	6	ABJ72287	Human PRO
29	784	100.0	144	6	ABJ72287	Human PRO
30	784	100.0	144	6	ABJ72287	Human PRO
31	784	100.0	144	6	ABJ72287	Human PRO
32	784	100.0	144	6	ABJ72287	Human PRO
33	784	100.0	144	6	ABJ72287	Human PRO
34	784	100.0	144	6	ABJ72287	Human PRO
35	784	100.0	144	6	ABJ72287	Human PRO
36	784	100.0	144	6	ABJ72287	Human PRO
37	784	100.0	144	6	ABJ72287	Human PRO
38	784	100.0	144	6	ABJ72287	Human PRO
39	784	100.0	144	6	ABJ72287	Human PRO
40	784	100.0	144	6	ABJ72287	Human PRO
41	784	100.0	144	6	ABJ72287	Human PRO
42	784	100.0	144	6	ABJ72287	Human PRO
43	784	100.0	144	6	ABJ72287	Human PRO
44	784	100.0	144	6	ABJ72287	Human PRO
45	784	100.0	144	6	ABJ72287	Human PRO
46	784	100.0	144	6	ABJ72287	Human PRO
47	784	100.0	144	6	ABJ72287	Human PRO
48	784	100.0	144	6	ABJ72287	Human PRO
49	784	100.0	144	6	ABJ72287	Human PRO
50	784	100.0	144	6	ABJ72287	Human PRO
51	784	100.0	144	6	ABJ72287	Human PRO
52	784	100.0	144	6	ABJ72287	Human PRO
53	784	100.0	144	6	ABJ72287	Human PRO
54	784	100.0	144	6	ABJ72287	Human PRO
55	784	100.0	144	6	ABJ72287	Human PRO
56	784	100.0	144	6	ABJ72287	Human PRO
57	784	100.0	144	6	ABJ72287	Human PRO
58	784	100.0	144	6	ABJ72287	Human PRO
59	784	100.0	144	6	ABJ72287	Human PRO
60	784	100.0	144	6	ABJ72287	Human PRO
61	784	100.0	144	6	ABJ72287	Human PRO
62	784	100.0	144	6	ABJ72287	Human PRO
63	784	100.0	144	6	ABJ72287	Human PRO
64	784	100.0	144	6	ABJ72287	Human PRO
65	784	100.0	144	6	ABJ72287	Human PRO
66	784	100.0	144	6	ABJ72287	Human PRO
67	784	100.0	144	6	ABJ72287	Human PRO
68	784	100.0	144	6	ABJ72287	Human PRO
69	784	100.0	144	6	ABJ72287	Human PRO
70	784	100.0	144	6	ABJ72287	Human PRO
71	784	100.0	144	6	ABJ72287	Human PRO
72	784	100.0	144	6	ABJ72287	Human PRO
73	784	100.0	144	6	ABJ72287	Human PRO
74	784	100.0	144	6	ABJ72287	Human PRO
75	784	100.0	144	6	ABJ72287	Human PRO
76	784	100.0	144	6	ABJ72287	Human PRO
77	784	100.0	144	6	ABJ72287	Human PRO
78	784	100.0	144	6	ABJ72287	Human PRO
79	784	100.0	144	6	ABJ72287	Human PRO
80	784	100.0	144	6	ABJ72287	Human PRO
81	784	100.0	144	6	ABJ72287	Human PRO
82	784	100.0	144	6	ABJ72287	Human PRO
83	784	100.0	144	6	ABJ72287	Human PRO
84	784	100.0	144	6	ABJ72287	Human PRO
85	784	100.0	144	6	ABJ72287	Human PRO
86	784	100.0	144	6	ABJ72287	Human PRO
87	784	100.0	144	6	ABJ72287	Human PRO
88	784	100.0	144	6	ABJ72287	Human PRO
89	784	100.0	144	6	ABJ72287	Human PRO
90	784	100.0	144	6	ABJ72287	Human PRO
91	784	100.0	144	6	ABJ72287	Human PRO
92	784	100.0	144	6	ABJ72287	Human PRO
93	784	100.0	144	6	ABJ72287	Human PRO
94	784	100.0	144	6	ABJ72287	Human PRO
95	784	100.0	144	6	ABJ72287	Human PRO
96	784	100.0	144	6	ABJ72287	Human PRO
97	784	100.0	144	6	ABJ72287	Human PRO
98	784	100.0	144	6	ABJ72287	Human PRO

99 784 100.0 144 8 ADD75567 Human PRO  
 100 784 100.0 144 8 ADD74083 Human PRO  
 101 784 100.0 144 8 ADD74329 Human PRO  
 102 784 100.0 144 8 ADD76059 Novel hum  
 103 784 100.0 144 8 ADD85551 Novel hum  
 104 784 100.0 144 8 ADE05100 Human PRO  
 105 784 100.0 144 8 ADD75313 Human PRO  
 106 784 100.0 144 8 ADD76857 Novel hum  
 107 784 100.0 144 8 ADD86625 Novel hum  
 108 784 100.0 144 8 ADE71598 Human lun  
 109 784 100.0 144 8 ADD78093 Novel hum  
 110 784 100.0 144 8 ADE89757 Human sec  
 111 784 100.0 144 8 ADD77601 Novel hum  
 112 784 100.0 144 8 ADD77847 Novel hum  
 113 784 100.0 144 8 ADD85305 Novel hum  
 114 784 100.0 144 8 ADD73837 Human PRO  
 115 784 100.0 144 8 ADD74575 Human PRO  
 116 784 100.0 144 8 ADD77103 Novel hum  
 117 784 100.0 144 8 ADD85797 Novel hum  
 118 784 100.0 144 8 ADE05346 Human PRO  
 119 784 100.0 144 8 ADD74821 Human PRO  
 120 784 100.0 145 2 AAY04316 Human sec  
 121 775 98.9 142 3 AAY53622 A bone ma

## ALIGNMENTS

RESULT 1  
 AAY28813  
 ID AAY28813 standard; protein; 144 AA.  
 AC AAY28813;  
 XX  
 DT 17-JAN-2000 (first entry)  
 XX  
 DE pk65\_4 secreted protein.  
 XX  
 KW clone pk65\_4; pk65\_4 protein; human foetal kidney cDNA library;  
 KW secreted protein; transmembrane domain; cytokine; tissue growth;  
 KW Toppled II computer program; COS cell expression system;  
 KW membrane fraction; SDS polyacrylamide gel electrophoresis;  
 KW nutritional activity; cell proliferation; immune stimulation;  
 KW immune suppression; hematopoiesis regulation; tumour inhibition.  
 OS Homo sapiens.  
 XX  
 FN WO9950405-A1.  
 XX  
 PD 07-OCT-1999.  
 XX  
 PF 30-MAR-1999; 99WO-US006946.  
 XX  
 PR 31-MAR-1998; 98US-0080110P.  
 PR 29-MAR-1999; 99US-00280591.  
 XX  
 PA (GEMY ) GENETICS INST INC.  
 XX  
 PI Jacobs K, McCoy JM, Lavallie ER, Collins-Racie LA, Evans C;  
 PI Merberg D, Treacy M, Agostino MJ, Steininger RJ;  
 XX  
 DR WPI; 1999-610849/52.  
 DR N-PSDB; AAX90853.  
 XX  
 PT Polynucleotides encoding secreted human proteins, derived from human  
 PT adult brain, human fetal brain, human fetal kidney, and human adult blood  
 PT cDNA libraries.  
 XX  
 PS Claim 20; Page 105; 122pp; English.  
 XX  
 CC The present sequence is the pk65\_4 secreted protein encoded by the cDNA  
 CC clone pk65\_4. pk65\_4 was isolated from a human foetal kidney cDNA library  
 CC using methods specific for secreted protein cDNAs. The Toppled II

CC computer program predicts three potential transmembrane domains within  
 CC the protein sequence, centered around amino acids 16, 67, and 133. pk65\_4  
 CC protein was expressed in a COS cell expression system, and an expressed  
 CC band of approximately 15kDa was detected in membrane fractions using SDS  
 CC polyacrylamide gel electrophoresis. The polynucleotide and protein may  
 CC effect nutritional activity, cytokine and cell proliferation, immune  
 CC stimulation or suppression, hematopoiesis regulation, tissue growth,  
 CC tumour inhibition etc  
 XX Sequence 144 AA;  
 SQ  
 Query Match 100.0%; Score 784; DB 2; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAPCYMLALLLTAALIIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAPCYMLALLLTAALIIFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTIMNADILAYCQKEGW 120  
 DB 61 FFCWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 2  
 AAY41732  
 ID AAY41732 standard; protein; 144 AA.  
 AC AAY41732;  
 XX  
 DT 07-DEC-1999 (first entry)  
 XX  
 DE Human PRO181 protein sequence.  
 XX  
 KW Human; PRO; EST; expressed sequence tag; PCR primer; hybridisation;  
 KW probe; blood coagulation disorder; cancer; cellular adhesion disorder;  
 KW secreted protein; transmembrane protein.  
 OS Homo sapiens.  
 XX  
 FN WO9946281-A2.  
 XX  
 PD 16-SEP-1999.  
 XX  
 PF 08-MAR-1999; 99WO-US005028.  
 XX  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 12-MAR-1998; 98US-0077649P.  
 PR 13-MAR-1998; 98US-0077791P.  
 PR 17-MAR-1998; 98US-0078004P.  
 PR 20-MAR-1998; 98US-0004020.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 25-MAR-1998; 98US-0079294P.  
 PR 26-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079664P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 30-MAR-1998; 98US-0079786P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 31-MAR-1998; 98US-0079923P.  
 PR 31-MAR-1998; 98US-0080105P.  
 PR 31-MAR-1998; 98US-0080107P.  
 PR 31-MAR-1998; 98US-0080165P.

PR 31-MAR-1998; 98US-0080194P.  
 PR 01-APR-1998; 98US-0080327P.  
 PR 01-APR-1998; 98US-0080328P.  
 PR 01-APR-1998; 98US-0080333P.  
 PR 01-APR-1998; 98US-0080334P.  
 PR 08-APR-1998; 98US-0081049P.  
 PR 08-APR-1998; 98US-0081070P.  
 PR 08-APR-1998; 98US-0081071P.  
 PR 09-APR-1998; 98US-0081195P.  
 PR 09-APR-1998; 98US-0081203P.  
 PR 09-APR-1998; 98US-0081229P.  
 PR 15-APR-1998; 98US-0081817P.  
 PR 15-APR-1998; 98US-0081838P.  
 PR 15-APR-1998; 98US-0081952P.  
 PR 15-APR-1998; 98US-0081955P.  
 PR 15-APR-1998; 98US-0082568P.  
 PR 21-APR-1998; 98US-0082569P.  
 PR 22-APR-1998; 98US-0082700P.  
 PR 22-APR-1998; 98US-0082704P.  
 PR 22-APR-1998; 98US-0082804P.  
 PR 23-APR-1998; 98US-0082767P.  
 PR 23-APR-1998; 98US-0082796P.  
 PR 27-APR-1998; 98US-0083336P.  
 PR 28-APR-1998; 98US-0083332P.  
 PR 29-APR-1998; 98US-0083392P.  
 PR 29-APR-1998; 98US-0083495P.  
 PR 29-APR-1998; 98US-0083496P.  
 PR 29-APR-1998; 98US-0083499P.  
 PR 29-APR-1998; 98US-0083500P.  
 PR 29-APR-1998; 98US-0083545P.  
 PR 29-APR-1998; 98US-0083554P.  
 PR 29-APR-1998; 98US-0083558P.  
 PR 29-APR-1998; 98US-0083599P.  
 PR 30-APR-1998; 98US-0083742P.  
 PR 05-MAY-1998; 98US-0084366P.  
 PR 06-MAY-1998; 98US-0084414P.  
 PR 06-MAY-1998; 98US-0084441P.  
 PR 07-MAY-1998; 98US-0084598P.  
 PR 07-MAY-1998; 98US-0084600P.  
 PR 07-MAY-1998; 98US-0084640P.  
 PR 07-MAY-1998; 98US-0084643P.  
 PR 13-MAY-1998; 98US-0085323P.  
 PR 13-MAY-1998; 98US-0085338P.  
 PR 13-MAY-1998; 98US-0085339P.  
 PR 15-MAY-1998; 98US-0085573P.  
 PR 15-MAY-1998; 98US-0085579P.  
 PR 15-MAY-1998; 98US-0085580P.  
 PR 15-MAY-1998; 98US-0085582P.  
 PR 15-MAY-1998; 98US-0085689P.  
 PR 15-MAY-1998; 98US-0085697P.  
 PR 15-MAY-1998; 98US-0085700P.  
 PR 15-MAY-1998; 98US-0085704P.  
 PR 18-MAY-1998; 98US-0086023P.  
 PR 22-MAY-1998; 98US-0086392P.  
 PR 22-MAY-1998; 98US-0086414P.  
 PR 22-MAY-1998; 98US-0086430P.  
 PR 22-MAY-1998; 98US-0086486P.  
 PR 28-MAY-1998; 98US-0087098P.  
 PR 28-MAY-1998; 98US-0087106P.  
 PR 28-MAY-1998; 98US-0087208P.  
 PR 30-JUL-1998; 98US-0094651P.  
 PR 11-SEP-1998; 98US-0100038P.  
 (GETH ) GENENTECH INC.  
 XX Wood WI, Goddard A, Gurney A, Yuan J, Baker KP, Chen J;  
 PI WPI; 1999-551358/46.  
 DR N-PSDB; AAZ34164.  
 XX

PT New secreted and transmembrane polypeptides and their polynucleotides,  
 PT useful for treating blood coagulation disorders, cancers and cellular  
 PT adhesion disorders.  
 XX Claim 12; Fig 129; 530pp; English.  
 XX The present invention describes secreted and transmembrane polypeptides  
 CC and their polynucleotides. The nucleotide sequences are useful as sources  
 CC of probes, primers, for chromosome mapping, and for generation of  
 CC antisense sequences. They can also be used to create transgenic animals.  
 CC The proteins can be used to treat a variety of diseases and disorders,  
 CC depending on their function. Diseases that may be treated include blood  
 CC coagulation disorders, cancers and cellular adhesion disorders. They may  
 CC also be used to raise antibodies. AAZ33891 to AAZ34338, and AAZ41685 to  
 CC AAZ41774 represent polynucleotide and polypeptide sequence given in the  
 CC exemplification of the present invention  
 XX Sequence 144 AA;  
 SQ

Query Match 100.0%; Score 784; DB 2; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAFTFAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Db 1 MAFTFAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPLGYDPTTINADILAYCOKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPLGYDPTTINADILAYCOKEGW 120  
 Qy 121 CKLAFYLLAFYLYGMIYLVVSS 144  
 Db 121 CKLAFYLLAFYLYGMIYLVVSS 144

RESULT 3  
 AAY41306  
 ID AAY41306 standard; protein; 144 AA.  
 XX AAY41306;  
 DT 18-JAN-2000 (first entry)  
 DE Human cornichon protein.  
 KW Human; cornichon; differentiation; body plan; metazoan; oogenesis;  
 KW embryogenesis; dorsalization; oocyte; dorsal-ventral axis; bicoid;  
 KW anterior-posterior axis; microtubule; cytoskeleton; oskar; diagnosis;  
 KW developmental disorder; hereditary neuropathy; seizure disorder;  
 KW reproductive disorder; immunological disorder; neoplastic disorder;  
 KW cancer; infection; spina bifida; cataract.  
 XX Homo sapiens.  
 XX US968744-A.  
 XX 19-OCT-1999.  
 XX 14-OCT-1997; 97US-00950168.  
 XX 14-OCT-1997; 97US-00950168.  
 XX (INCY-) INCYTE PHARM INC.  
 XX Hillman JL, Shah P, Corley NC;  
 XX WPI; 1999-590398/50.  
 DR N-PSDB; AAZ30544.  
 XX Isolated nucleic acids encoding human cornichon molecules, useful in the  
 PT recombinant production of cornichon proteins and in the prevention,  
 PT diagnosis and treatment of developmental, reproductive, immunological and  
 PT

PT neoplastic disorders.

XX Claim 1; Fig 1; 28pp; English.

PS This sequence represents the human cornichon (CORN) protein (I). CORN is

XX involved in the differentiation and determination of body plan in

CC metazoans during oogenesis and embryogenesis. It is involved in

CC controlling the correct dorsoventralization of the oocyte (i.e. determining the

CC dorsal-ventral axis) and is essential in the correct induction of the

CC anterior-posterior axis. In this case, CORN is implicated in the

CC formation of correctly polarized microtubule cytoskeletons, which are

CC required for proper localization of the anterior and posterior

CC determinant genes (bicoid and oskar) and for the asymmetric positioning

CC of the oocyte nucleus (see Roth et al., Cell (1995)). (I) may be used for

CC the diagnosis, prevention and treatment of disorders associated with

CC inappropriate expression and/or activity of CORN proteins. These

CC disorders include developmental disorders (e.g. anemia, Cushing's

CC syndrome, epilepsy and achondroplastic dwarfism), hereditary neuropathies

CC (e.g. Charcot-Marie-Tooth disease), seizure disorders (e.g. Sydenham's

CC chorea and cerebral palsy), reproductive disorders (e.g. infertility,

CC disorders of prolactin production, tumors and disruptions of the

CC menstrual cycle), immunological disorders (e.g. acquired immune

CC deficiency syndrome (AIDS), Addison's disease and asthma), neoplastic

CC disorders (e.g. adenocarcinoma, leukemia, cancers of the breast, lung,

CC testis, ovaries and prostate and melanomas), complications of cancers,

CC bacterial, viral, parasitic, protozoal, helminthic and fungal infections

CC and other disorders such as spina bifida and cataracts

XX Sequence 144 AA;

SQ Query Match 100.0%; Score 784; DB 2; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

DB 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

DB 61 FFCVMFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 4

AY32925

ID AAY32925 standard; protein; 144 AA.

XX AAY32925;

XX 04-NOV-1999 (first entry)

XX Transmembrane domain containing protein clone HP02239.

XX Transmembrane domain containing protein; human; antibody production;

XX interaction assay; diagnosis; nutritional activity; cytokine;

XX cell proliferation; cell differentiation activity; immune stimulant;

XX immune suppressant; haematopoiesis regulator; tissue growth activity;

XX activin; inhibin activity; chemotaxis; chemokinesis; haemostasis;

XX thrombolysis; anti-inflammatory; cadherin; tumour invasion suppressor;

XX tumour inhibitor.

XX Homo sapiens.

OS WO9943802-A2.

PN 02-SEP-1999.

PD 25-FEB-1999; 99WO-JP000875.

PF

XX

PR 27-FEB-1998; 98JP-00046607.

XX (SAGA) SAGAMI CHEM RES CENT.

PA (PROT-) PROTEGENE INC.

XX Kato S, Sekine S, Kimura T, Nakamura N;

PI WPI; 1999-527617/44.

XX N-PSDB; AAZ11179, AAZ11186.

DR New proteins and DNA useful for preventing tumors.

XX Claim 1; Page 72-73; 96pp; English.

PS This sequence is a human transmembrane protein of the invention. The DNAs

XX are useful for expressing recombinant protein for analysis,

CC characterisation or therapeutic use, and are useful as markers for

CC tissues in which the corresponding protein is preferentially expressed.

CC They are also useful as molecular weight markers on Southern gels, as

CC chromosome markers or tags (when labelled) to identify potential genetic

CC disorders, as probes to hybridise and thus discover novel, related DNA

CC sequences, as a source of PCR primers for genetic fingerprinting, as

CC probes to subtract-out known sequences in the process of discovering

CC other novel DNAs, for selecting and making oligomers for attachment to a

CC gene chip or other support, including for examination of expression

CC patterns, to raise anti-protein antibodies using DNA immunisation

CC techniques, and as an antigen to raise anti-DNA antibodies or elicit

CC another immune response. Where the DNA encodes a protein which binds to

CC another protein (e.g. in a receptor-ligand interaction), the DNA can also

CC be used in interaction trap assays to identify DNAs encoding the other

CC protein with which binding occurs or to identify inhibitors of the

CC binding interaction. The DNAs and proteins can have e.g. nutritional

CC activity, cytokine and cell proliferation/differentiation activity,

CC immune stimulating (e.g. as vaccines) or suppressing activity,

CC haematopoiesis regulating activity, tissue growth activity,

CC activin/inhibin activity, chemotactic/chemokinetic activity, haemostatic

CC and thrombolytic activity, receptor/ligand activity, anti-inflammatory

CC activity, cadherin/tumour invasion suppressor activity, and tumour

CC inhibition activity

XX Sequence 144 AA;

SQ Query Match 100.0%; Score 784; DB 2; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

DB 1 MAFTFAAFCYMLALLTAALIFFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

DB 61 FFCVMFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGGLYDPTTMMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 5

AA19524

ID AAB19524 standard; protein; 144 AA.

XX AAB19524;

XX 09-JAN-2001 (first entry)

XX Antitumour PRO181 protein.

XX PRO181; antitumour; antiproliferative; human; cancer; therapy;

XX drug screening.

XX Homo sapiens.

OS

XX Key Location/Qualifiers  
 FH Peptide 1..20 /label= Signal peptide  
 FT Domain 11..31 /label= Type-II\_transmembrane\_domain  
 FT Domain 57..77 /label= Transmembrane\_domain  
 FT Modified-site 96..100 /note= "Glycosaminoglycan attachment site"  
 FT Domain 123..143 /label= Transmembrane\_domain  
 XX WO200053751-A1.  
 XX 14-SEP-2000.  
 XX 30-DEC-1999; 99WO-US031243.  
 XX 08-MAR-1999; 99WO-US005028.  
 PR 29-MAR-1999; 99US-0126773P.  
 PR 20-JUL-1999; 99US-0144758P.  
 PR 08-SEP-1999; 99WO-US020594.  
 PR 20-DEC-1999; 99WO-US030999.  
 XX (GETH ) GENENTECH INC.  
 XX Ashkenazi AJ, Baker KP, Goddard A, Gurney AL, Napier MA, Wood WI;  
 XX WPI; 2000-594321/56.  
 DR N-PSDB; AAA88439.  
 XX Novel PRO181 and PRO237 polypeptides useful for treating tumors including  
 PT cancers of breast, prostate, lung, leukemia in humans and for identifying  
 PT compounds capable of inhibiting growth of neoplastic cells.  
 XX Claim 19; Fig 2; 107pp; English.  
 XX The present sequence is that of human PRO181 a novel inhibitor of  
 CC neoplastic cell growth. The sequence was deduced from a cDNA clone (see  
 CC AAA88439) isolated from a placental cDNA library. It shows significant  
 CC sequence similarity to cornichon protein. The invention provides PRO181  
 CC and PRO237 (see AAB19525) polypeptides and polynucleotides, vectors, host  
 CC cells, methods for their production, chimeric molecules and antibodies.  
 CC Also claimed is a composition comprising PRO181 or PRO237, or their  
 CC agonists, useful for the treatment of a tumor, especially breast cancer,  
 CC ovarian cancer, renal cancer, colorectal cancer, uterine cancer, prostate  
 CC cancer, lung cancer, bladder cancer, central nervous system cancer,  
 CC melanoma and leukaemia. PRO181 and PRO237 are also useful for treating  
 CC neuronal, glial, astrocytic, hypothalamic and other glandular,  
 CC macrophagal, epithelial, stromal, and blastocoele disorders and  
 CC inflammatory, angiogenic and immunologic disorders. They are useful for  
 CC identifying agonists to PRO181 or PRO237 in drug screening and rational  
 CC drug design  
 XX Sequence 144 AA;  
 XX Query Match 100.0%; Score 784; DB 3; Length 144;  
 XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNLTNPLVLYLIIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNLTNPLVLYLIIHA 60  
 QY 61 FFCVWFCLCAEWLTGLNPLLAYHWTWYMSRPSGPLYDPTTMMNADILAYCOKEGW 120  
 DB 61 FFCVWFCLCAEWLTGLNPLLAYHWTWYMSRPSGPLYDPTTMMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYYLYGMIVLVSS 144

RESULT 6  
 AAB44288  
 ID AAB44288 standard; protein; 144 AA.  
 XX  
 AC AAB44288;  
 XX  
 DT 08-FEB-2001 (first entry)  
 XX  
 DE Human PRO181 (UNQ155) protein sequence SEQ ID NO:322.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; EST; cytosstatic;  
 KW expressed sequence tag; detection; cancer.  
 XX  
 OS Homo sapiens.  
 XX  
 PN WO200053756-A2.  
 XX  
 PD 14-SEP-2000.  
 XX  
 XX 18-FEB-2000; 2000WO-US004341.  
 XX  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 12-MAR-1999; 99US-0123957P.  
 PR 29-MAR-1999; 99US-0126773P.  
 PR 21-APR-1999; 99US-0130232P.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 14-MAY-1999; 99US-0134287P.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 26-JUL-1999; 99US-0145698P.  
 PR 29-OCT-1999; 99US-0162506P.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 16-DEC-1999; 99WO-US028585.  
 PR 30-DEC-1999; 99WO-US030095.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 XX (GETH ) GENENTECH INC.  
 XX Ashkenazi AJ, Baker KP, Botstein D, Desnovers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi CJ, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams FM, Wood WI;  
 XX WPI; 2000-611443/58.  
 DR N-PSDB; AAC78538.  
 XX  
 PT Novel PRO polypeptides and polynucleotides used in detection methods, to  
 PT target bioactive molecules to specific cells, and to modulate cellular  
 PT activities.  
 XX  
 PS Claim 12; Fig 129; 636pp; English.  
 XX  
 CC AAC78458 to AAC78599 represent polynucleotide and EST (expressed sequence  
 CC tag) sequences which encode secreted or transmembrane PRO polypeptides.  
 CC The PRO polynucleotides and polypeptides have cytosstatic activity. The  
 CC polynucleotides and polypeptides can be used for detecting the presence  
 CC of PRO polypeptides in samples, for linking bioactive molecules to cells  
 CC and for modulating biological activities of cells, using the polypeptides  
 CC for specific targeting. The polypeptide targeting can be used to kill the  
 CC target cells, e.g. for the treatment of cancers. The polypeptide pairs  
 CC provide specific targeting of bioactive molecules to cells. AAC78600 to  
 CC AAC78987 represent PCR primers and probes used in the isolation of the  
 CC PRO polynucleotide sequences  
 XX  
 SQ Sequence 144 AA;  
 XX Query Match 100.0%; Score 784; DB 3; Length 144;

Db	1	MAFTFAAFVCMIALLLTAALIFPAIWHIIJAFDELKTDYKNPIDQCNTLNPFLVLPVLIHA	60
Qy	61	FFCVNFLCAAEWLTGLNMPILLAYHIWYMSRVMSGPGLYDPTTMMADILAYCQKEGW	120
Db	61	FFCVNFLCAAEWLTGLNMPILLAYHIWYMSRVMSGPGLYDPTTMMADILAYCQKEGW	120
Qy	121	CKLAFYLLAFYYLYGMIYVLVSS	144
Db	121	CKLAFYLLAFYYLYGMIYVLVSS	144
RESULT 8			
AAAB76851			
ID	AAAB76851	standard; protein; 144 AA.	
XX	AC	AAAB76851;	
XX	XX		
XX	12-APR-2001	(first entry)	
XX	XX		
DE	XX	Human lung tumour protein related protein sequence SEQ ID NO:327.	
XX	XX		
KW	XX	Human; lung cancer; lung tumour; lung tumour protein; gene therapy;	
KW	XX	lung cancer antigen; lung tumour-specific antigen; diagnosis; vaccine;	
KW	XX	cytostatic; antisense inhibition.	
XX	XX		
OS	XX	Homo sapiens.	
XX	XX		
PN	XX	WO200100828-A2.	
XX	XX		
PD	XX	04-JAN-2001.	
XX	XX		
PF	XX	30-JUN-2000; 2000WO-US018061.	
XX	XX		
PR	XX	30-JUN-1999; 99US-00346492.	
PR	XX	15-OCT-1999; 99US-00419356.	
PR	XX	17-DEC-1999; 99US-00466867.	
PR	XX	30-DEC-1999; 99US-00476300.	
PR	XX	06-MAR-2000; 2000US-00519642.	
PR	XX	22-MAR-2000; 2000US-00533077.	
PR	XX	10-APR-2000; 2000US-00546259.	
PR	XX	27-APR-2000; 2000US-00560406.	
PR	XX	05-JUN-2000; 2000US-00589184.	
XX	XX	(CORI-) CORIXA CORP.	
XX	XX		
PI	XX	Wang T, Bangur CS, Lodes MJ, Fanger GR, Vedwick TS, Carter D;	
PI	XX	Retter MW, Mannion J;	
XX	XX	WPI; 2001-071488/08.	
XX	XX		
DR	XX	Lung tumor-associated proteins and the nucleic acids that encode them,	
PT	XX	useful for preventing, diagnosing and treating lung cancer.	
PT	XX		
PS	XX	Example 1; Page 254; 436pp; English.	
XX	XX		
CC	XX	The present invention describes immunogenic portions of lung tumour-	
CC	XX	associated proteins (I) and the nucleic acids (NAs) that encode them. (I)	
CC	XX	have cytostatic activity and can be used in gene therapy, antisense	
CC	XX	inhibition and in vaccines. The NAs and the lung tumour-associated	
CC	XX	proteins they encode may be used in the prevention, treatment and	
CC	XX	diagnosis of diseases associated with their inappropriate expression,	
CC	XX	especially lung cancers. For example, the NAs may be administered to	
CC	XX	treat diseases by rectifying mutations or deletions in a patient's genome	
CC	XX	that affect the activity of the protein by expressing inactive proteins	
CC	XX	or to supplement the patients own production of (I). Additionally, the	
CC	XX	NAs may be used to produce the lung-tumour associated protein, according	
CC	XX	to standard recombinant DNA methodology. Conversely, antisense NA	
CC	XX	molecules may be administered to down regulate protein expression by	
CC	XX	binding with the cells own genes and preventing their expression. The NA	
CC	XX	and complementary sequences may also be used as DNA probes in diagnostic	
CC	XX	assays to detect and quantitate the presence of similar NA sequences in	
CC	XX	samples, and hence which patients may be in need of treatment for lung	



CC cancer. The (I) may be used as antigens in the production of antibodies  
 CC and in assays to identify modulators (agonists and antagonists) of the  
 CC expression and activity of the protein. AAF68083 to AAF68878 and AAB76848  
 CC to AAB76878 represent human lung tumour protein related nucleotide and  
 CC protein sequences which are used in the exemplification of the present  
 CC invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 4; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAEMLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMNADILAYCQEGW 120  
 DB 61 FFCVMFLCAEMLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMNADILAYCQEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 9

ID AAU83651 standard; protein; 144 AA.

XX AC AAU83651;

XX DT 08-MAY-2002 (first entry)

XX DE Human PRO protein, Seq ID No 120.

XX KW Human; secreted protein; PRO; tumour; lung cancer; colon cancer;  
 KW breast cancer; prostate tumour; rectal tumour; liver tumour;  
 KW pericyte cell proliferation; chondrocyte cell proliferation;  
 KW tumour necrosis factor-alpha.

OS Homo sapiens.

XX WO200208288-A2.

XX 31-JAN-2002.

XX 29-JUN-2001; 2001WO-US021066.

XX 20-JUL-2000; 2000US-0219556P.  
 XX 25-JUL-2000; 2000US-0220385P.  
 XX 25-JUL-2000; 2000US-0220605P.  
 XX 25-JUL-2000; 2000US-0220607P.  
 XX 25-JUL-2000; 2000US-0220624P.  
 XX 25-JUL-2000; 2000US-0220638P.  
 XX 25-JUL-2000; 2000US-0220664P.  
 XX 25-JUL-2000; 2000US-0220666P.  
 XX 26-JUL-2000; 2000US-0220893P.  
 XX 28-JUL-2000; 2000WO-US020710.  
 XX 01-AUG-2000; 2000US-0222425P.  
 XX 22-AUG-2000; 2000US-0227133P.  
 XX 23-AUG-2000; 2000WO-US023522.  
 XX 24-AUG-2000; 2000WO-US023328.  
 XX 10-NOV-2000; 2000WO-US030873.  
 XX 28-NOV-2000; 2000US-0253646P.  
 XX 01-DEC-2000; 2000WO-US032678.  
 XX 20-DEC-2000; 2000US-00747259.  
 XX 20-DEC-2000; 2000WO-US034956.  
 XX 28-FEB-2001; 2001WO-US006520.  
 XX 01-MAR-2001; 2001WO-US006666.  
 XX 22-MAR-2001; 2001US-00816744.  
 XX 10-MAY-2001; 2001US-00854208.  
 XX 10-MAY-2001; 2001US-00854280.

PR 25-MAY-2001; 2001WO-US017092.

XX (GETH ) GENENTECH INC.

XX Baker KF, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2002-172001/22.

DR N-PSDB; ABK33595.

XX One hundred and twenty two nucleic acids encoding PRO polypeptides,  
 PT useful for treating a PRO related disorder and for diagnosing tumors such  
 PT as lung cancer, colon cancer, breast tumor, prostate tumor, rectal tumor  
 PT or liver tumor.

XX Claim 11; Fig 120; 359pp; English.

XX The invention relates to one hundred and twenty two nucleic acids  
 CC encoding PRO polypeptides. The sequences of the 122 PRO polynucleotides  
 CC encode human secreted proteins. The PRO nucleic acids, polypeptides,  
 CC agonists and antagonists are useful for treating a PRO related disorder.  
 CC The PRO polypeptides are useful for diagnosing tumours, especially lung  
 CC cancer, colon cancer, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. The PRO polypeptides are useful for stimulating the  
 CC proliferation of, or gene expression, in pericyte cells, for stimulating  
 CC the proliferation or differentiation of chondrocyte cells, for  
 CC stimulating the release of tumour necrosis factor-alpha from human blood,  
 CC for stimulating or inhibiting the proliferation of normal human dermal  
 CC fibroblast cells. The PRO polypeptide may also be used as molecular  
 CC weight markers and for tissue typing. The PRO nucleic acids have  
 CC applications in molecular biology, including use as hybridisation probes,  
 CC and in chromosome and gene mapping. AAU83592-AAU83713 represent human PRO  
 CC protein sequences of the invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60

DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60

QY 61 FFCVMFLCAEMLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMNADILAYCQEGW 120

DB 61 FFCVMFLCAEMLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTMMNADILAYCQEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 10

AAU85506

ID AAU85506 standard; protein; 144 AA.

XX AC AAU85506;

XX DT 21-MAY-2002 (first entry)

XX Clone #19110 of lung tumour protein.

XX Lung tumour; cancer; T cell; immune response stimulator; cytostatic.

XX Homo sapiens.

XX WO200204514-A2.

XX 17-JAN-2002.

XX 10-JUL-2001; 2001WO-US022058.

XX

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PR 11-JUL-2000; 2000US-00614124.
PR 29-AUG-2000; 2000US-00651563.
PR 08-SEP-2000; 2000US-00658824.
PR 26-SEP-2000; 2000US-00671325.
PR 06-OCT-2000; 2000US-00677419.
PR 30-OCT-2000; 2000US-00702705.
PR 13-DEC-2000; 2000US-00736457.
PR 03-MAY-2001; 2001US-00849626.
XX
XX (CORI-) CORIXA CORP.
XX
XX Wang T, Watanabe Y, Henderson RA, Johnson CC, Retter MW;
PI Marnerakis M, Carter D, Ranger GR, Vedvick TS, Banqur CS, Mcnabb A;
PI Wang A, Ranger N, Switzer A, Mcneill PD, Clapper JD;
XX
XX WPI; 2002-164634/21.
DR N-PSDB; ABK38061.
XX
XX Novel polynucleotide encoding a lung tumor polypeptide useful for
PT stimulating and/or expanding T cells specific for a tumor protein.
PT
XX Example 1; SEQ ID NO 327; 223pp; English.
XX
XX The invention describes an isolated polynucleotide and polypeptide useful
CC for stimulating and/or expanding T cells specific for a tumor protein
CC for determining the presence of a cancer in a patient. A composition
CC containing the polynucleotide and/or polypeptide is useful for treating a
CC lung cancer in a patient. The polypeptide is useful for removing tumor
CC cells from a biological sample. The polynucleotide is also useful as
CC probe or primer to detect the level of mRNA encoding a tumor protein.
CC This is the amino acid sequence of a lung tumor associated protein.
CC described in the method of the invention. Note: The sequence data for
CC this patent did not form part of the printed specification, but was
CC obtained in electronic format directly from WIPO at
CC ftp.wipo.int/pub/published_pct_sequences
XX
XX Sequence 144 AA;
SQ
Query Match 100.0%; Score 784; DB 5; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTAALIPFAIWHIIAFDELKTDYKNPDIQNTLNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLTAALIPFAIWHIIAFDELKTDYKNPDIQNTLNPLVLYLHA 60
QY 61 FFCVVFCAAEWLTGLNPLLAYHIWYMSRPVMSGPLGYDPTTMNADILAYCQKEGW 120
Db 61 FFCVVFCAAEWLTGLNPLLAYHIWYMSRPVMSGPLGYDPTTMNADILAYCQKEGW 120
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFFYLLAFFYLYGMIYVLVSS 144

```

RESULT 11  
 ABB84817  
 ID ABB84817 standard; protein; 144 AA.

XX ABB84817;

DT 16-MAY-2002 (first entry)

DE Human PRO181 protein sequence SEQ ID NO:2.

XX Human; angiogenesis; cardiant; cytostatic; antiangiogenic; hypotensive;  
 KW vulnerable; antiarteriosclerotic; PRO agonist; PRO antagonist; trauma;  
 KW gene therapy; cardiovascular disorder; endothelial disorder; cancer;  
 KW angiogenic disorder; cardiac hypertrophy; atherosclerosis; hypertension;  
 KW age-related macular degeneration; arterial restenosis; angina;  
 KW rheumatoid arthritis; myocardial infarction; thrombophlebitis;  
 KW lymphangitis; tumour angiogenesis; breast carcinoma; liver carcinoma;  
 KW wound healing; chromosome mapping; gene mapping.

XX OS Homo sapiens.  
 XX WO200200690-A2.  
 XX 03-JAN-2002.  
 XX  
 XX 20-JUN-2001; 2001WO-US019692.  
 XX  
 XX 23-JUN-2000; 2000US-0213637P.  
 PR 20-JUL-2000; 2000US-0219556P.  
 PR 25-JUL-2000; 2000US-0220624P.  
 PR 25-JUL-2000; 2000US-0220664P.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 02-AUG-2000; 2000US-0222695P.  
 PR 17-AUG-2000; 2000US-00643657.  
 PR 23-AUG-2000; 2000WO-US023522.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 07-SEP-2000; 2000US-0230978P.  
 PR 18-SEP-2000; 2000US-00664610.  
 PR 18-SEP-2000; 2000US-00665350.  
 PR 24-OCT-2000; 2000US-0242922P.  
 PR 08-NOV-2000; 2000US-00709238.  
 PR 08-NOV-2000; 2000WO-US030952.  
 PR 10-NOV-2000; 2000WO-US030873.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 22-DEC-2000; 2000WO-US034956.  
 PR 22-JAN-2001; 2001US-00767609.  
 PR 28-FEB-2001; 2001US-00796498.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 09-MAR-2001; 2001US-00802706.  
 PR 14-MAR-2001; 2001US-00808689.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 05-APR-2001; 2001US-00828366.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 25-MAY-2001; 2001US-00866028.  
 PR 25-MAY-2001; 2001US-00866034.  
 PR 30-MAY-2001; 2001WO-US017092.  
 PR 30-MAY-2001; 2001US-00870574.  
 PR 01-JUN-2001; 2001WO-US017443.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX (GETH ) GENENTECH INC.

Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A,  
 Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF,  
 Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;

WPI; 2002-090516/12.  
 DR N-PSDB; ABL88072.

One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
 useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
 infarction), endothelial or angiogenic disorders in a mammal.

Claim 11; Fig 2; 565pp; English.

ABL88072 to ABL88258 encode the PRO proteins given in ABB84817 to  
 ABB85003. The PRO proteins and polynucleotides have cardiant, cytostatic,  
 antiangiogenic, hypotensive, vulnerary and antiarteriosclerotic  
 activities, and can be used in gene therapy. The PRO polynucleotides,  
 proteins, agonists and antagonists are useful for treating or diagnosing  
 a cardiovascular, endothelial or angiogenic disorder in a mammal, e.g.  
 cardiac hypertrophy, trauma, cancer, age-related macular degeneration,  
 atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
 angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour  
 angiogenesis (such as breast carcinoma and liver carcinoma) and wound  
 healing. The PRO polynucleotides have applications in molecular biology,  
 including use as hybridisation probes, and in chromosome and gene  
 mapping. ABL88259 to ABL88267 represent primers and probes used in the

CC exemplification of the present invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAALFFAIWHIIAFDELKDYKNIDQCNTLNPLVPEYLIIHA 60  
 |||||  
 DB 1 MAFTFAACVYMLALLTAALFFAIWHIIAFDELKDYKNIDQCNTLNPLVPEYLIIHA 60  
 |||||

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTIMNADILAYCQEGW 120  
 |||||  
 DB 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTIMNADILAYCQEGW 120  
 |||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||

RESULT 12

AAE20143  
 ID AAE20143 standard; protein; 144 AA.

XX AC AAE20143;

XX 18-JUN-2002 (first entry)

DE Human cornichon protein (CORN).

XX Human; cornichon protein; CORN; Cushing's syndrome; muscular dystrophy;  
 developmental disorder; neoplastic; seizure; reproductive; immunological;  
 tubular acidosis; anaemia; polycystic ovary; autoimmune disorder; tumour;  
 breast cancer; prostate; testis; epilepsy; neuropathy; Addison's disease;  
 ulcerative colitis; spermatogenesis; hypothyroidism; cataract; arthritis;  
 infertility; galactorrhea; gynaecomastia; diabetes mellitus; fungicide;  
 dermatitis; acquired immunodeficiency syndrome; AIDS; glomerulonephritis;  
 atherosclerosis; allergy; asthma; bronchitis; Crohn's disease; auditory;  
 gout; Graves' disease; multiple sclerosis; haemodialysis; anticonvulsant;  
 trauma; drug screening; ophthalmological; cytostatic; immunosuppressive;  
 gynaecological; antitumor; nephrotropic; neuroprotective; antihelminthic;  
 antibacterial; tranquilizer; osteoporosis; antiparasitic; protozoacide;  
 vulnery; virucide; gene therapy.

XX Homo sapiens.

XX US6348576-B1.

XX 19-FEB-2002.

XX 02-AUG-1999; 99US-00365705.

XX 14-OCT-1997; 97US-00950168.

XX (INCY-) INCYTE GENOMICS INC.

XX Hillman JL, Corley NC, Shah P;

XX WPI; 2002-266544/31.

XX N-PSDB; AAD31079.

XX New human cornichon protein, useful for diagnosis, prevention and  
 treatment of developmental, reproductive, immunological and neoplastic  
 disorders and to screen for molecules that bind the protein.

XX Claim 1; Fig 2; 29pp; English.

XX The invention relates to a purified human cornichon protein (CORN). CORN  
 is useful for diagnosis, prevention and treatment of developmental,  
 reproductive, immunological and neoplastic disorders. Developmental  
 disorders include renal tubular acidosis, anaemia, Cushing's syndrome,  
 achondroplastic dwarfism, Duchenne and Becker muscular dystrophy.

CC epilepsy, hereditary neuropathies such as Charcot-Marie-Tooth disease,  
 neurofibromatosis, hypothyroidism, seizure disorders such as cerebral  
 palsy, cataract and sensorineural hearing loss and reproductive disorders  
 include disorders of prolactin production, infertility, ovulatory  
 defects, endometriosis, disruptions of the oestrous cycle, disruptions of  
 the menstrual cycle, polycystic ovary syndrome, endometrial and ovarian  
 tumours, autoimmune disorders, ectopic pregnancy, cancer of the breast,  
 galactorrhea, disruptions of spermatogenesis, cancer of the testis,  
 cancer of the prostate, prostatitis and carcinoma of the male breast and  
 gynaecomastia. Immunological disorders include acquired immunodeficiency  
 syndrome (AIDS), diabetes mellitus, arthritis, including rheumatoid  
 arthritis, osteoarthritis, Addison's disease, allergies, asthma,  
 atherosclerosis, bronchitis, Crohn's disease, ulcerative colitis, atopic  
 dermatitis, glomerulonephritis, gout, Graves' disease, multiple  
 sclerosis, osteoporosis, autoimmune thyroiditis, complications of cancer,  
 haemodialysis and extracorporeal circulation, viral, bacterial, fungal,  
 parasitic, protozoal and helminthic infections, and trauma. CORN, is  
 catalytic or immunogenic fragments is useful for screening libraries of  
 compounds in a variety of drug screening techniques. The present sequence  
 is human CORN. CORN gene is useful in gene therapy

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAALFFAIWHIIAFDELKDYKNIDQCNTLNPLVPEYLIIHA 60  
 |||||  
 DB 1 MAFTFAACVYMLALLTAALFFAIWHIIAFDELKDYKNIDQCNTLNPLVPEYLIIHA 60  
 |||||

QY 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTIMNADILAYCQEGW 120  
 |||||  
 DB 61 FFCVWFLCAAEWLTGLNMPLLAYHIWYMSRPMVSGPGLYDPTTIMNADILAYCQEGW 120  
 |||||

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 |||||

RESULT 13

ABG31481  
 ID ABG31481 standard; protein; 144 AA.

XX AC ABG31481;

XX 20-NOV-2002 (first entry)

DE Human cornichon protein (CORN).

XX Human; cornichon protein; CORN; bladder cDNA library; BLADNOT04;  
 Incyte clone 1318847; developmental disorder; reproductive disorder;  
 immunological disorder; autoimmune disorder; neoplastic disorder;  
 microarray; cytostatic; antiinflammatory; gynaecological;  
 immunosuppressive.

XX Homo sapiens.

XX US2002103342-A1.

XX 01-AUG-2002.

XX 10-JAN-2002; 2002US-00044477.

XX 14-OCT-1997; 97US-00950168.

XX 02-AUG-1999; 99US-00365705.

XX (INCY-) INCYTE PHARM INC.

XX Hillman JL, Corley NC, Shah P;

XX WPI; 2002-690628/74.

XX N-PSDB; ABK91098.

XX New human cornichon protein and polynucleotide for diagnosing, preventing  
PT or treating developmental, reproductive, immunological, and neoplastic  
PT disorders.  
XX  
XX Claim 1; Fig 1; 32pp; English.  
XX  
XX The present invention relates to the isolation of human cornichon protein  
XX (CORN), and the polynucleotide sequence encoding it. The sequences are  
CC isolated from bladder cDNA library (BLADNGT04) Incyte clone 1318847. The  
CC polynucleotide and polypeptide sequences for CORN are useful in the  
CC diagnosis, prevention, and treatment of developmental disorders (e.g.  
CC anaemia, renal tubular acidosis, Cushing's syndrome, dwarfism, epilepsy,  
CC reproductive disorders (e.g. disorders of prolactin production,  
CC infertility, endometriosis, polycystic ovary syndrome, endometrial and  
CC ovarian tumours, ectopic pregnancy, prostate cancer, prostaticitis, and  
CC carcinoma of the male breast and gynaecomastia), immunological disorders  
CC (e.g. autoimmune disorders, acquired immunodeficiency syndrome (AIDS),  
CC adult respiratory distress syndrome, Addison's disease, allergies,  
CC anaemia, asthma, atherosclerosis, gout, myocardial or pericardial  
CC inflammation, osteoporosis, rheumatoid arthritis, scleroderma, systemic  
CC lupus erythematosus, ulcerative colitis, haemodialysis, Crohn's disease,  
CC atopic dermatitis, autoimmune thyroiditis, diabetes mellitus, Graves'  
CC disease, glomerulonephritis, viral, bacterial, fungal, parasitic,  
CC protozoal, helminthic infections and trauma), and neoplastic disorders  
CC (e.g. adenocarcinoma, leukaemia, lymphoma, melanoma, and various  
CC cancers). CORN, fragments of CORN, and antibodies specific for CORN are  
CC useful as elements on a microarray which is useful to monitor or measure  
CC protein-protein interactions, drug-target interactions and gene  
CC expression profiles. The present sequence represents human CORN  
XX  
XX Sequence 144 AA;  
SQ  
Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAVHIWYMSRPMVSGGLYDPTTINWADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAVHIWYMSRPMVSGGLYDPTTINWADILAYCQKEGW 120  
QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
RESULT 14  
ABB95423  
ID ABB95423 standard; protein; 144 AA.  
AC ABB95423;  
XX  
XX 19-JUL-2002 (first entry)  
XX  
XX Human angiogenesis related protein PRO181 SEQ ID NO: 2.  
XX  
XX Human; angiogenesis; PRO protein; cardiovascularisation; wound; cancer;  
XX atherosclerosis; cardiac hypertrophy; gene therapy; endothelial disorder;  
XX cardiac; cytostatic; antiangiogenic; hypotensive; vulnary;  
XX antiarteriosclerotic.  
XX  
XX Homo sapiens.  
OS  
XX  
XX WO200208284-A2.  
XX  
XX 31-JAN-2002.  
PD  
XX  
XX 09-JUL-2001; 2001WO-US021735.

XX 20-JUL-2000; 2000US-0219556P.  
PR 25-JUL-2000; 2000US-0220624P.  
PR 28-JUL-2000; 2000US-0220664P.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 02-AUG-2000; 2000US-0222695P.  
PR 17-AUG-2000; 2000US-00643657.  
PR 23-AUG-2000; 2000WO-US023522.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 07-SEP-2000; 2000US-0230978P.  
PR 18-SEP-2000; 2000US-00664610.  
PR 18-SEP-2000; 2000US-00665350.  
PR 24-OCT-2000; 2000US-0242922P.  
PR 08-NOV-2000; 2000US-00709238.  
PR 08-NOV-2000; 2000WO-US030952.  
PR 01-DEC-2000; 2000WO-US030873.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 22-JAN-2001; 2001US-00767609.  
PR 28-FEB-2001; 2001US-00796498.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 01-MAR-2001; 2001WO-US006666.  
PR 09-MAR-2001; 2001US-00802706.  
PR 14-MAR-2001; 2001US-00808689.  
PR 22-MAR-2001; 2001US-00816744.  
PR 05-APR-2001; 2001US-00828366.  
PR 10-MAY-2001; 2001US-00854208.  
PR 25-MAY-2001; 2001US-00866028.  
PR 25-MAY-2001; 2001US-00866034.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 30-MAY-2001; 2001US-00870574.  
PR 30-MAY-2001; 2001WO-US017443.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
XX  
XX (GETH ) GENENTECH INC.  
PA (BAKE/) BAKER K P.  
PA (FERR/) FERRARA N.  
PA (GERB/) GERBER H.  
PA (GERR/) GERRITSEN M E.  
PA (GODD/) GODDARD A.  
PA (GODO/) GODOWSKI P J.  
PA (GURN/) GURNEY A L.  
PA (HILL/) HILLAN K J.  
PA (MARS/) MARSTERS S A.  
PA (PANJ/) PAN J.  
PA (PAON/) PAONI N F.  
PA (STEP/) STEPHAN J F.  
PA (WATA/) WATANABE C K.  
PA (WILL/) WILLIAMS P M.  
PA (WOOD/) WOOD W I.  
XX  
XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Paoni NF;  
PI Stephan JF, Watanabe CK, Williams PM, Wood WI, Ye W;  
XX  
XX WPI; 2002-171999/22.  
DR N-PSDE; ABL95561.  
XX  
XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
PT useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
PT infarction), endothelial or angiogenic disorders in a mammal.  
XX  
XX Claim 11; Fig 2; 567pp; English.  
XX  
XX The present invention provides the protein and coding sequences of human  
CC PRO proteins. These are useful for treating or diagnosing a  
CC cardiovascular, endothelial or angiogenic disorder, including cardiac  
CC hypertrophy, trauma, cancer, age-related macular degeneration,  
CC atherosclerosis, hypertension, arterial restenosis, rheumatoid arthritis,  
CC angina, myocardial infarctions, thrombophlebitis, lymphangitis, tumour

CC angiogenesis (such as breast carcinoma and liver carcinoma) and wound  
CC healing. The present sequence is a PRO protein of the invention

XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 15  
ABU80798  
ID ABU80798 standard; protein; 144 AA.  
XX  
AC ABU80798;  
XX  
DT 23-JUN-2003 (first entry)  
XX  
DE Human PRO polypeptide #60.  
XX  
KW Human; PRO polypeptide; secreted and transmembrane protein;  
KW anti-PRO antibody; diagnostic assay; gene expression; tumour; cytostatic.  
XX  
OS Homo sapiens.  
XX  
PN US2003036635-A1.  
XX  
PD 20-FEB-2003.  
XX  
PF 28-AUG-2002; 2002US-00230163.  
XX  
PR 25-JUL-2000; 2000US-0220638P.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX  
FA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CX, Wood WT;  
XX  
DR WPT; 2003-342045/32.  
DR N-PSDB; ACA66900.  
XX  
PT One hundred and twenty two nucleic acids encoding PRO polypeptides,  
PT useful for the manufacture of a medicament for diagnosing or treating  
PT tumor.  
XX  
PS Claim 11; Fig 120; 314pp; English.  
XX  
CC The present invention relates to the isolation of novel human PRO  
CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
CC polypeptides are secreted and transmembrane proteins. The PRO  
CC polypeptides and polynucleotides are useful for preparing a medicament  
CC useful in the diagnosis and treatment of tumours. Anti-PRO antibodies are  
CC useful in diagnostic assays for PRO, by detecting its expression in  
CC specific cells, tissues or serum, and for affinity purification of PRO  
CC from recombinant cell culture or natural sources. ABU80739-ABU80860  
CC represent the human PRO polypeptides of the invention. Note: The sequence  
CC data for this patent was obtained in electronic format directly from the  
CC USPTO web site at [seqdata.uspto.gov/psipdsIDentry.html](http://seqdata.uspto.gov/psipdsIDentry.html)

XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTIMNADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 16  
ABO25234  
ID ABO25234 standard; protein; 144 AA.  
XX  
AC ABO25234;  
XX  
DT 09-SEP-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO181.  
XX  
KW Human; secreted and transmembrane protein; PRO; virucide; gene therapy;  
KW cell death; growth induction cascade; blood coagulation cascade;  
XX viral infection.  
XX  
OS Homo sapiens.  
XX  
PN US2003050239-A1.  
XX  
PD 13-MAR-2003.  
XX  
PF 15-OCT-2001; 2001US-00978191.  
XX  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0065364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-00040220.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079565P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
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PR 29-APR-1998; 98US-083495P.  
PR 29-APR-1998; 98US-083496P.  
PR 29-APR-1998; 98US-083499P.  
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PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US005190.  
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PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
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PR 25-AUG-1999; 99US-00380138.  
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PR 02-DEC-1999; 99US-0028551.  
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PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031274.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
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PR 20-DEC-2000; 2000WO-US034956.  
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PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
PR XX  
PR (GETH ) GENENTECH INC. PA

XX Ashkenazi AJ, Baker KP, Bolstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 17  
 ABO33764  
 ID ABO33764 standard; protein; 144 AA.  
 XX  
 AC ABO33764;  
 DT 17-SEP-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic;  
 KW antiarthritic; osteopathic; gene therapy; TNE-Agonist-Alpha;  
 KW chondrocyte stimulator; pericyte stimulator; fibroblast modulator;  
 KW pharmaceutical; diagnostic; biosensor; bioreactor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; bone disorder; cartilage disorder; sports injury;  
 KW arthritis; wound.  
 XX  
 OS Homo sapiens.  
 XX  
 DN US2003045687-A1.  
 XX  
 PD 06-MAR-2003.  
 XX  
 PF 12-AUG-2002; 2002US-00218631.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 23-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2003-512315/48.  
 DR N-PSDB; ACD68652.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for stimulating Tumor Necrosis Factor alpha, or chondrocyte or  
 PT pericyte proliferation, especially for treating lung tumors, arthritis or  
 PT wounds in a mammal.  
 XX  
 PS Claim 11; Fig 120; 314pp; English.  
 PS  
 CC The invention describes an isolated nucleic acid molecule comprising a  
 CC sequence with at least 80% identity to: (a) a nucleotide encoding any of  
 CC 122 PRO (secreted and transmembrane) polypeptides whose sequences are  
 CC fully defined in the specification; or (b) any of 122 nucleotide  
 CC sequences having e.g. 4834, 2504 or 1759 bp fully defined in the  
 CC specification; or the full length coding sequence of any these 122  
 CC nucleotide sequences. The PRO polypeptides or polynucleotides are useful

CC as pharmaceuticals, diagnostics, biosensors or bioreactors. These are  
 CC particularly useful for detecting tumours (e.g. lung tumour, colon  
 CC tumour, breast tumour, prostate tumour, rectal tumour, or liver tumour)  
 CC in a mammal, for stimulating the release of TNF-alpha from human blood,  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells, for stimulating proliferation of pericyte cells, or for modulating  
 CC normal human dermal fibroblast proliferation. The PRO nucleic acid or  
 CC polypeptide is also useful for treating tumours of various bone and/or  
 CC cartilage disorders (e.g. sports injuries or arthritis), or wounds. The  
 CC PRO polypeptides are useful in drug screening, particularly as targets  
 CC for therapeutic intervention in these diseases, and in the diagnostic  
 CC determination of the presence of these diseases. The PRO polypeptides are  
 CC also useful as molecular weight markers, or for chromosome  
 CC identification. The PRO genes are useful as hybridisation probes, or for  
 CC screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may  
 CC also be used in gene therapy, particularly for replacing a defective  
 CC gene. This is the amino acid sequence of a novel human secreted and  
 CC transmembrane PRO polypeptide  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQKEG 120  
 QY 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 18  
 ABU72240  
 ID ABU72240 standard; protein; 144 AA.  
 XX  
 AC ABU72240;  
 DT 16-JUN-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; antiinflammatory;  
 KW antiarteriosclerotic; cardiant; anti-infertility; anti-HIV; cytostatic;  
 KW antidiabetic; gene therapy; inflammatory disease; organ failure;  
 KW atherosclerosis; cardiac injury; infertility; birth defect;  
 KW premature aging; AIDS; cancer; diabetic complication; chromosome mapping;  
 KW gene mapping; pharmaceutical; diagnostic; biosensor; bioreactor;  
 XX  
 OS Homo sapiens.  
 XX  
 DN US2002192706-A1.  
 XX  
 PD 19-DEC-2002.  
 XX  
 PF 24-OCT-2001; 2001US-00999832.  
 XX  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
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 PR 11-MAR-1998; 98US-0077632P.  
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 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.

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PR 13-MAR-1998; 98US-0078004P.
PR 17-MAR-1998; 98US-00040220.
PR 20-MAR-1998; 98US-0078866P.
PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079668P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080344P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
PR 09-APR-1998; 98US-0081229P.
PR 15-APR-1998; 98US-0081817P.
PR 15-APR-1998; 98US-0081838P.
PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082688P.
PR 21-APR-1998; 98US-0082689P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
PR 22-APR-1998; 98US-0082797P.
PR 22-APR-1998; 98US-0082804P.
PR 23-APR-1998; 98US-0082796P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98WO-US024855.
PR 05-JAN-1999; 99WO-US000106.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99WO-US005190.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 30-NOV-1999; 99WO-US028313.
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PR 16-DEC-1999; 99WO-US028565.
PR 30-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 11-FEB-2000; 2000WO-US000376.
PR 18-FEB-2000; 2000WO-US003565.
PR 24-FEB-2000; 2000WO-US004341.
PR 02-MAR-2000; 2000WO-US005004.
PR 10-MAR-2000; 2000WO-US005841.
PR 21-MAR-2000; 2000WO-US006319.
PR 30-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.

PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
XX (GETH ) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Fillvaroff E, Fong S, Gao W, Gerber H, Gerritsen MB;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KU;
PI Kljavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI.
XX
DR WPI; 2003-328860/31.
DR N-PSDB; ACA63732.
XX
PT New secreted and transmembrane nucleic acids and polypeptides, designated
PT as PRO, useful for treating inflammation, organ failure, atherosclerosis,
PT cardiac injury, infertility, birth defects, premature aging, AIDS, or
PT cancer.
XX
PS Claim 12; Fig 129; 453pp; English.
XX
CC The invention describes an isolated nucleic acid (I) comprising, or which
CC is at least 80 % sequence identity to, or the full-length coding sequence
CC of, any of 118 300-2100 nucleotide sequences, which encodes its
CC corresponding PRO polypeptide selected from 118 100-700 amino acid
CC sequences, all given in the specification. The nucleic acids and
CC polypeptides are useful for treating inflammatory diseases, organ
CC failure, atherosclerosis, cardiac injury, infertility, birth defects,
CC premature aging, AIDS, cancer, or diabetic complications. The nucleic
CC acids are useful as hybridisation probes, in chromosome and gene mapping,
CC and in generating antisense RNA or DNA. The polypeptides are useful as
CC pharmaceuticals, diagnostics, biosensors or bioreactors. Both are useful
CC in tissue typing. This is the amino acid sequence of a novel human
CC secreted and transmembrane PRO polypeptide
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 6; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
DB 1 MAFTFAAFCYMLALLTLTAALIPFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTLGLNNPLLYAYHIWYMRPVMSPGSLYDPTTMMADILAYCQKSGW 120
DB 61 FFCVMFLCAAEWLTLGLNNPLLYAYHIWYMRPVMSPGSLYDPTTMMADILAYCQKSGW 120
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144
RESULT 19
ABU07410
ID ABU07410 standard; protein; 144 AA.
XX
AC ABU07410;
XX
XX
DT 28-JAN-2003 (first entry)
XX
DE Protein differentially regulated in prostate cancer #13.
XX
KW Prostate cancer; gene expression; differential regulation;
KW molecular marker; drug target; cancer detection; cancer diagnosis;
KW cancer staging; cancer grading; cancer assessing; cancer monitoring.
XX
OS Homo sapiens.

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XX W0200281638-A2.  
PN 17-OCT-2002.  
XX  
XX 08-APR-2002; 2002WO-US010824.  
XX  
XX 06-APR-2001; 2001US-0281731P.  
PR 06-APR-2001; 2001US-0281732P.  
XX  
XX (ORIG-) ORIGENE TECHNOLOGIES INC.  
PA  
XX Sun Z, Jay G;  
XX  
XX WPI; 2003-058520/05.  
XX  
XX Novel genes which are differentially regulated in prostate cancer, useful  
PT for diagnosing prostate cancer in prostate tissue sample and assessing  
PT therapeutic or preventive intervention in prostate cancer patients.  
XX  
XX Claim 1; Page 234-235; 416pp; English.  
XX  
XX The invention describes genes (I) which are differentially regulated in  
CC prostate cancer. (I) is useful for diagnosing a prostate cancer in a  
CC sample comprising prostate tissue, which involves determining the number  
CC of target genes which are differentially-regulated in the sample, where  
CC the number is indicative of the probability that the sample comprises  
CC prostate cancer. (I) is useful for assessing a therapeutic or preventive  
CC intervention in a subject having a prostate cancer, which involves  
CC determining the expression levels in a sample comprising prostate tissue  
CC of target genes which are differentially-regulated in prostate cancer.  
CC Preferably, the expression levels of at least 10 genes are determined.  
CC (I) is also useful for identifying agents that modulate a biological  
CC activity of a polypeptide differentially-regulated in prostate cancer  
CC cells, which involves contacting a polypeptide differentially-regulated  
CC in prostate cancer cells with a test agent under conditions effective for  
CC the test agent to modulate a biological activity of the polypeptide, and  
CC determining whether the test agent modulates the biological activity. (I)  
CC is useful as molecular markers, as drug targets, and for detecting,  
CC diagnosing, staging, grading, assessing, monitoring, prognosticating,  
CC preventing or treating, determining predisposition to diseases and  
CC products especially relating to prostate cancer. (I) and its expression  
CC are used in the diagnostic test to assay for presence of cancer  
CC e.g., in tissue sections, in biopsy sample, in total RNA, in lymph, in  
CC blood etc. (I) is useful for assessing cancer e.g., to determine the type  
CC of cancer, its stage of development, the nature of genetic defect, etc.  
CC The polypeptide encoded by (I) can be used as target for therapy or drug  
CC discovery. (I) can also be used for expressing the polypeptide and thus  
CC for searching specific binding partners of the polypeptide. (I) is useful  
CC in therapeutic applications to treat prostate cancer. The identification  
CC of specific genes, and groups of genes, expressed in pathways  
CC physiologically relevant to prostate cancer permits the definition of  
CC functional and disease pathways and the delineation of targets in these  
CC pathways which are useful in diagnostic, therapeutic, and clinical  
CC applications. This is the amino acid sequence of a protein differentially  
CC regulated in prostate cancer  
XX  
XX Sequence 144 AA;  
Query Match 100.0%; Score 784; DE 6; Length 144;  
Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFYLLAFAFFYLLYGMIVLVSS 144  
DB 1 MAFTFAAFYLLAFAFFYLLYGMIVLVSS 60  
QY 61 FFCVNFPLCAEWLTLGLNNPFLAYHWYMSRPFVMSGPLYDPTTMMADILAYCQKGG 120  
DB 61 FFCVNFPLCAEWLTLGLNNPFLAYHWYMSRPFVMSGPLYDPTTMMADILAYCQKGG 120  
QY 121 CKLAFYLLAFAFFYLLYGMIVLVSS 144  
DB 121 CKLAFYLLAFAFFYLLYGMIVLVSS 144

DB 121 CKLAFYLLAFAFFYLLYGMIVLVSS 144  
RESULT 20  
ABU84920  
ID ABU84920 standard; protein; 144 AA.  
XX  
XX AC ABU84920;  
XX  
XX DT 12-AUG-2003 (first entry)  
XX  
XX DE Human secreted and transmembrane polypeptide PRO181.  
XX  
XX KW Human; thrombolytic agent; interferon; interleukin; cytokine;  
KW erythropoietin; colony stimulating factor; cancer; colorectal carcinoma;  
KW apoptosis related condition; AIDS; amyotrophic lateral sclerosis;  
KW inflammatory disease; asthma; atherosclerosis; neurodegenerative disease;  
KW gastrointestinal disorder; Alzheimer's disease; Parkinson's disease;  
KW hypertension; myocardial ischaemia; kidney disease; carcinogenesis;  
KW glomerulonephritis; lung disease; pulmonary hypertension; preeclampsia;  
KW bronchial asthma; gastric ulcer; renal failure; cardiovascular disease;  
KW inflammatory bowel disease; reproductive disorder; premature labour.  
XX  
XX OS Homo sapiens.  
XX  
XX US2002177553-A1.  
XX  
XX PD 28-NOV-2002.  
XX  
XX 15-OCT-2001; 2001US-00978192.  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-NOV-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 17-MAR-1998; 98US-0080220P.  
PR 20-MAR-1998; 98US-0078866P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079664P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 26-JUN-1998; 98US-00105413.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98WO-US021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98WO-US024855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 98WO-US000106.  
PR 05-MAR-1999; 98US-00254465.  
PR 08-MAR-1999; 99WO-US0005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99WO-US0005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-APR-1999; 99US-00284231.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.

PR 25-AUG-1999; 99US-00380137.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 25-AUG-1999; 99US-00380142.  
 PR 30-NOV-1999; 99WO-US028313.  
 PR 02-DEC-1999; 99WO-US028551.  
 PR 02-DEC-1999; 99WO-US028565.  
 PR 16-DEC-1999; 99WO-US030095.  
 PR 30-DEC-1999; 99WO-US031243.  
 PR 30-DEC-1999; 99WO-US031274.  
 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 24-FEB-2000; 2000WO-US005044.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 10-MAR-2000; 2000WO-US006319.  
 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015284.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 08-NOV-2000; 2000US-00709238.  
 PR 27-NOV-2000; 2000US-00723749.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000US-00747259.  
 PR 28-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001US-00816744.  
 PR 22-MAR-2001; 2001US-00816920.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 10-MAY-2001; 2001US-00854208.  
 PR 10-MAY-2001; 2001US-00854280.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001US-00872035.  
 PR 05-JUN-2001; 2001WO-US017800.  
 PR 14-JUN-2001; 2001US-00874503.  
 PR 19-JUN-2001; 2001US-00882636.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918595.  
 (GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Pacini NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams FK, Wood WI;  
 XX WPI; 2003-328499/31.  
 DR N-PSDB; ACA71896.

New isolated PRO polypeptides e.g. PRO213, PRO274 and PRO300, for use as pharmaceuticals, diagnostics, biosensors and bioreactors, for identifying modulators of receptor-ligand interactions.

Claim 12; SEQ ID NO 322; 55pp; English.

The invention relates to an isolated secreted and transmembrane polypeptide, designated as PRO polypeptide. The PRO polypeptide is useful in PRO polypeptide detection methods. The PRO polypeptide is useful for linking a bioactive molecule to a cell. The PRO polypeptide or an antibody against it is useful for modulating a biological activity of a cell. The PRO polypeptide is useful in industrial applications including pharmaceuticals, diagnostics, biosensors and bioreactors. The PRO polypeptide is also useful as a thrombolytic agent, interferon, interleukin, erythropoietin, colony stimulating factor and other

CC cytokines. The PRO polypeptide is useful for treating disease such as  
 CC cancer e.g. colorectal carcinoma; apoptosis related conditions e.g. AIDS,  
 CC amyotrophic lateral sclerosis; inflammatory disease e.g. asthma,  
 CC atherosclerosis; neurodegenerative disease e.g. Alzheimer's disease,  
 CC Parkinson's disease; cardiovascular disease e.g. hypertension and  
 CC myocardial ischaemia; kidney disease e.g. renal failure and  
 CC glomerulonephritis; lung disease e.g. pulmonary hypertension, bronchial  
 CC asthma; gastrointestinal disorders e.g. gastric ulcer and inflammatory  
 CC bowel disease; reproductive disorders e.g. premature labour and  
 CC preclampsia; carcinogenesis. The present sequence represents the amino  
 CC acid sequence of a PRO polypeptide of the invention. Note: The sequence  
 CC data for this patent did not form part of the printed specification but  
 CC was obtained in electronic format directly from USPTO at  
 CC seqdata.uspto.gov/sequence.html?DocID=20020177553  
 XX

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALIFFAIHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEBWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEBWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYLYGMYLVSS 144  
 DB 121 CKLAFYLLAFYLYGMYLVSS 144

RESULT 21

ABU61118  
 ID ABU61118 standard; protein; 144 AA.  
 AC ABU61118;  
 XX 08-MAY-2003 (first entry)  
 DT Human PRO181 polypeptide.  
 DE Human; PRO polypeptide; secreted and transmembrane protein;  
 KW immune disorder; diabetes; hyper-insulinaemia; hypo-insulinaemia;  
 KW cardiac insufficiency; nervous system disorder; kidney disorder;  
 KW bone disorder; cartilage disorder; arthritis; tumour; wound healing;  
 KW genetic disorder; cytostatic; antidiabetic; antiinflammatory;  
 KW antiarthritic; anti-tumour; vulnery; antianaemic; dermatological;  
 KW cardiant.  
 XX Homo sapiens.  
 OS US2002169284-A1.  
 XX 14-NOV-2002.  
 PD 16-OCT-2001; 2001US-00978697.  
 PF 26-MAY-1981; 81US-00267213.  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.  
 PR 13-MAR-1998; 98US-0078004P.  
 PR 17-MAR-1998; 98US-00040220.  
 PR 20-MAR-1998; 98US-0078886P.

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PR 20-MAR-1998; 98US-0078910P.
PR 20-MAR-1998; 98US-0078936P.
PR 20-MAR-1998; 98US-0078939P.
PR 25-MAR-1998; 98US-0079294P.
PR 26-MAR-1998; 98US-0079656P.
PR 27-MAR-1998; 98US-0079663P.
PR 27-MAR-1998; 98US-0079664P.
PR 27-MAR-1998; 98US-0079683P.
PR 27-MAR-1998; 98US-0079728P.
PR 27-MAR-1998; 98US-0079786P.
PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 26-JUN-1998; 98US-00105413.
PR 07-OCT-1998; 98US-00168978.
PR 02-NOV-1998; 98WO-US021141.
PR 02-NOV-1998; 98US-00384216.
PR 06-NOV-1998; 98US-00187368.
PR 20-NOV-1998; 98WO-US024855.
PR 07-DEC-1998; 98US-00202054.
PR 22-DEC-1998; 98US-00218517.
PR 05-JAN-1999; 99WO-US000106.
PR 05-MAR-1999; 99US-00254465.
PR 08-MAR-1999; 99WO-US005028.
PR 10-MAR-1999; 99US-00265686.
PR 10-MAR-1999; 99WO-US005190.
PR 12-APR-1999; 99US-00284291.
PR 14-MAY-1999; 99US-00311832.
PR 14-MAY-1999; 99WO-US010733.
PR 02-JUN-1999; 99WO-US012252.
PR 25-AUG-1999; 99US-00380137.
PR 25-AUG-1999; 99US-00380138.
PR 25-AUG-1999; 99US-00380142.
PR 30-NOV-1999; 99WO-US028313.
PR 02-DEC-1999; 99WO-US028551.
PR 02-DEC-1999; 99WO-US028565.
PR 16-DEC-1999; 99WO-US030095.
PR 30-DEC-1999; 99WO-US031274.
PR 30-DEC-1999; 99WO-US031243.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.
PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
PR 30-MAR-2000; 2000WO-US008439.
PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 08-NOV-2000; 2000US-00709238.
PR 27-NOV-2000; 2000US-00723749.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000US-00747259.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001US-00816744.
PR 22-MAR-2001; 2001US-00816920.
PR 22-MAR-2001; 2001WO-US009552.
PR 10-MAY-2001; 2001US-00854208.
PR 10-MAY-2001; 2001US-00854280.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001US-00872035.
PR 01-JUN-2001; 2001WO-US017800.
PR 05-JUN-2001; 2001US-00874503.
PR 14-JUN-2001; 2001US-00882636.
PR 19-JUN-2001; 2001US-00886342.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.

PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX Ashkenazi A, Baker KP, Botstein D, Desnoyers L, Eaton D,
PI Ferrara N, Filvaroff E, Fong S, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kijavir IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX WPI; 2003-288163/28.
DR N-PSDB; ABX92536.
XX
XX Novel secreted and transmembrane polypeptides and polynucleotides
PT encoding them useful for treating cancer, kidney diseases, bone,
PT cartilage disorders and immune deficiencies.
XX
PS Claim 12; Fig 129; 459pp; English.
XX
XX The present invention relates to the isolation of novel human PRO
CC polypeptides, and the polynucleotide sequences encoding them. The PRO
CC polypeptides are secreted and transmembrane proteins. The PRO
CC polypeptides are useful for detecting other PRO polypeptides, for linking
CC bioactive molecules to cells expressing PRO polypeptides, for modulating
CC biological activities of cells expressing PRO polypeptides, and for
CC identifying agonists or antagonists. The bioactive molecule may be a
CC toxin, radiolabel or antibody, and causes apoptosis or death of the cell.
CC The PRO polypeptides are useful for treating immune disorders, diabetes
CC or hyper- or hypo-insulinaemia, cardiac insufficiency, nervous system
CC disorders, kidney disorders, bone and cartilage disorders or arthritis,
CC tumours, and wound healing. The polynucleotide sequences encoding PRO
CC polypeptides are useful as hybridisation probes, in chromosome and gene
CC mapping, in the generation of antisense RNA and DNA, in the preparation
CC of PRO polypeptides, for generating transgenic animals or knockout
CC animals, for the genetic analysis of individuals with genetic disorders,
CC and in gene therapy. ABU61071-ABU61164 represent the human PRO
CC polypeptides of the invention. Note: The sequence data for this patent
CC was obtained in electronic format directly from the USPTO web site at
CC seqdata.uspto.gov/psipsdIDEntry.html
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 6; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLHA 60
Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCOKEGW 120
Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGFLYDPTTINADILAYCOKEGW 120
Qy 121 CKLAFYLLAFYLYGMIVLVSS 144
Db 121 CKLAFYLLAFYLYGMIVLVSS 144
RESULT 22
ABU69478
ID ABU69478 standard; protein; 144 AA.
XX
AC ABU69478;
XX
XX 05-JUN-2003 (first entry)
XX Human lung cancer associated cDNA #19110 protein.
XX
XX Human; lung cancer; lung tumour; cytostatic; vaccine; T cell expansion;
XX CD4; CD8.

```

OS Homo sapiens.  
XX US2002197669-A1.  
XX 26-DEC-2002.  
XX 03-MAY-2001; 2001US-00849626.  
XX 13-DEC-2000; 2000US-00736457.  
XX (BANG/) BANGUR C S.  
PA (FANG/) FANGER G R.  
PA (WANG/) WANG A.  
PA (WANG/) WANG T.  
PA (SWIT/) SWITZER A P.  
PA (MCNE/) MCNEILL P D.  
PA (CLAP/) CLAPPER J D.  
XX  
XX Bangur CS, Fanger GR, Wang A, Wang T, Switzer AP, McNeill PD;  
PI Clapper JD;  
PI  
XX WPI; 2003-352750/33.  
DR N-PSDB; ACA10390.  
XX  
XX Novel lung cancer polynucleotide encoding lung cancer protein, useful for  
PT detecting the presence of lung cancer in a patient, and in pharmaceutical  
PT compositions, e.g. vaccines, for treating lung cancer.  
XX  
XX Example 1; Page; 72pp; English.  
XX  
XX The invention relates to a polynucleotide encoding a lung tumour protein,  
CC comprising a sequence selected from any of the 14 sequences mentioned in  
CC the specification, or a sequence (S2) mentioned in specification.  
CC complement of S1, sequences consisting of at least 20 contiguous residues  
CC of S1, sequences that hybridise to S1, sequences having 75%, preferably  
CC 90%, identity to S1, or degenerate variants of S1. Also included are an  
CC isolated polypeptide (comprising a sequence (S3) selected from any one of  
CC the 4 amino acid sequences mentioned in the specification, a sequence  
CC encoded by the polynucleotide, or sequences having at least 70%,  
CC preferably 90%, identity to a sequence encoded by the polynucleotide), an  
CC expression vector comprising the polynucleotide operably linked to an  
CC expression control sequence, a host cell transformed or transfected with  
CC the vector, an isolated antibody (or its antigen-binding fragment) that  
CC specifically binds to the polypeptide, detecting the presence of a cancer  
CC in a patient, a fusion protein comprising the polypeptide, a cancer  
CC oligonucleotide that hybridises to S1 under moderately stringent  
CC conditions, stimulating and/or expanding T cells specific for a tumour  
CC protein (comprising contacting T cells with the polynucleotide, protein  
CC or antigen-presenting cells, under conditions and for a time sufficient  
CC to permit the stimulation and/or expansion of T cells) and inhibiting the  
CC development of a cancer in a patient (by incubating CD4<sup>+</sup> and/or CD8<sup>+</sup> T  
CC cells isolated from a patient with the polynucleotide, protein or antigen  
CC presenting cells that express the polynucleotide, such that T cells  
CC proliferate, administering to the patient an effective amount of the  
CC polynucleotide, protein and cells are useful in a  
CC the patient. The polynucleotide, protein and cells are useful in a  
CC composition for stimulating an immune response in a patient, and for  
CC treating a cancer in a patient (particularly lung cancer). The  
CC polynucleotide is useful for determining the presence of a cancer in a  
CC patient. The protein and oligonucleotides are useful in pharmaceutical  
CC compositions, e.g. vaccines. The polynucleotide is also useful as a probe  
CC or primer for nucleic acid hybridisation, and in the design and  
CC preparation of ribozyme molecules for inhibiting expression of tumour  
CC polypeptides and proteins in tumour cells. An amplified portion of the  
CC polynucleotide is useful for isolating a full-length gene from a suitable  
CC library. The present sequence is a protein encoded by a cDNA (full  
CC length, extended or partial) isolated from a library derived from lung  
CC tumour/ cancer cells. Note: The sequence data for this patent did not  
CC form part of the printed specification, but was obtained in electronic  
CC format directly from the USPTO at  
CC seqdata.uspto.gov/sequence.html?DocId=20020157669  
XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFCYMLALALLTAAIFFAWHIIAFADELAKTDYKNPIDQNTLNPLVLYLTHA 60  
Db 1 MAFTFAAFCYMLALALLTAAIFFAWHIIAFADELAKTDYKNPIDQNTLNPLVLYLTHA 60  
QY 61 FFCVMFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLTLGLNMFLLAYHWRVMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFAFFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFAFFYLYGMIYVLVSS 144  
RESULT 23  
ABU66380  
ID ABU66380 standard; protein; 144 AA.  
XX  
XX AC ABU66380;  
XX  
XX DT 22-MAY-2003 (first entry)  
XX  
XX DE Lung cancer therapy and diagnosis associated protein #4.  
XX  
XX KW Lung cancer; cytostatic; vaccine; gene therapy; cancer.  
XX  
XX OS Homo sapiens.  
XX  
XX PN US2002172952-A1.  
XX  
XX PD 21-NOV-2002.  
XX  
XX PF 10-JUL-2001; 2001US-00902941.  
XX  
XX PR 30-JUN-1999; 99US-00346492.  
XX PR 15-OCT-1999; 99US-00419356.  
XX PR 17-DEC-1999; 99US-00466867.  
XX PR 30-DEC-1999; 99US-00476300.  
XX PR 06-MAR-2000; 2000US-00519642.  
XX PR 22-MAR-2000; 2000US-00533077.  
XX PR 10-APR-2000; 2000US-00546259.  
XX PR 27-APR-2000; 2000US-00560406.  
XX PR 05-JUN-2000; 2000US-00589184.  
XX PR 11-JUL-2000; 2000US-00614124.  
XX PR 29-AUG-2000; 2000US-00651563.  
XX PR 08-SEP-2000; 2000US-00658824.  
XX PR 26-SEP-2000; 2000US-00671325.  
XX PR 06-OCT-2000; 2000US-00677419.  
XX PR 30-OCT-2000; 2000US-00702705.  
XX PR 13-DEC-2000; 2000US-00736457.  
XX PR 03-MAY-2001; 2001US-00849626.  
XX  
XX (CORI-) CORIXA CORP.  
XX  
XX Henderson RA, Wang T, Watanabe Y, Johnson JC, Retter MW;  
PI Durham M, Carter D, Fanger GR, Vedwick TS, Bangur CS, McNabb A;  
XX WPI; 2003-328427/31.  
XX  
XX New polynucleotide, useful for preparing a composition for treating or  
PT inhibiting development of cancer, e.g. lung cancer.  
XX  
XX Disclosure; SEQ ID NO 327; 82pp; English.  
XX  
XX The invention describes an isolated polynucleotide comprising one of 32  
CC sequences, complement or degenerate variants of them. The polynucleotide  
CC is useful for preparing a composition e.g. a vaccine or for gene therapy,  
CC for treating or inhibiting development of cancer, e.g. lung cancer. This  
CC sequence represents a polypeptide associated with the compositions and

CC methods for the therapy and diagnosis of lung cancer

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACVYMLALLTAAALFFAIWHIIAPDELKTDYKPIQDQNTLNPLVPEYLIIHA 60  
DB 1 MAFTFAACVYMLALLTAAALFFAIWHIIAPDELKTDYKPIQDQNTLNPLVPEYLIIHA 60  
QY 61 PFCVMFLCAAEWLTLGLNPLIAYHWRVMSRPMVSGGLYDPTTIMNADILAYCQKEGW 120  
DB 61 PFCVMFLCAAEWLTLGLNPLIAYHWRVMSRPMVSGGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

## RESULT 24

ABU80387  
ID ABU80387 standard; protein; 144 AA.

AC ABU80387;

DT 24-JUN-2003 (first entry)

XX Human secreted/transmembrane protein PRO181.

KW Human; secreted protein; transmembrane protein; PRO; malignancy; cancer;  
KW ovarian cancer; colorectal cancer; sarcoma; leukaemia; lymphoma;  
KW inflammatory disease; necrosis; atherosclerosis; infertility;  
KW premature aging; psoriasis; inflammatory disease; renal disease;  
KW arthritis; immune-mediated alopecia; stroke; encephalitis; hepatitis;  
KW multiple sclerosis; gene therapy.

XX Homo sapiens.

FN US2003004102-A1.

PD 02-JAN-2003.

PF 15-OCT-2001; 2001US-00978189.

XX 17-OCT-1997; 97US-0062250P.

PR 03-NOV-1997; 97US-0064249P.

PR 13-NOV-1997; 97US-0065311P.

PR 21-NOV-1997; 97US-0066364P.

PR 10-MAR-1998; 98US-0077450P.

PR 11-MAR-1998; 98US-0077632P.

PR 11-MAR-1998; 98US-0077641P.

PR 11-MAR-1998; 98US-0077643P.

PR 12-MAR-1998; 98US-0077791P.

PR 13-MAR-1998; 98US-0078004P.

PR 17-MAR-1998; 98US-00040220.

PR 20-MAR-1998; 98US-0078886P.

PR 20-MAR-1998; 98US-0078910P.

PR 20-MAR-1998; 98US-0078936P.

PR 20-MAR-1998; 98US-0078939P.

PR 25-MAR-1998; 98US-0079294P.

PR 26-MAR-1998; 98US-0079656P.

PR 27-MAR-1998; 98US-0079663P.

PR 27-MAR-1998; 98US-0079664P.

PR 27-MAR-1998; 98US-0079689P.

PR 27-MAR-1998; 98US-0079728P.

PR 27-MAR-1998; 98US-0079786P.

PR 30-MAR-1998; 98US-0079920P.

PR 30-MAR-1998; 98US-0079923P.

PR 26-JUN-1998; 98US-00105413.

PR 07-OCT-1998; 98US-00186978.

PR 07-OCT-1998; 98US-00211141.

PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-00204855.  
PR 07-DEC-1998; 98US-00202054.  
PR 22-DEC-1998; 98US-00218517.  
PR 05-JAN-1999; 99US-0000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99US-0005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99US-0005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-APR-1999; 99US-00284291.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-00310733.  
PR 02-JUN-1999; 99US-0012252.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 30-NOV-1999; 99US-0028313.  
PR 02-DEC-1999; 99US-0028551.  
PR 16-DEC-1999; 99US-0028565.  
PR 30-DEC-1999; 99US-0031243.  
PR 30-DEC-1999; 99US-0031274.  
PR 05-JAN-2000; 2000US-0000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 06-JAN-2000; 2000US-0000376.  
PR 11-FEB-2000; 2000US-0003565.  
PR 18-FEB-2000; 2000US-0004341.  
PR 24-FEB-2000; 2000US-0005004.  
PR 01-MAR-2000; 2000US-0005601.  
PR 02-MAR-2000; 2000US-0005841.  
PR 10-MAR-2000; 2000US-0006319.  
PR 21-MAR-2000; 2000US-0007532.  
PR 30-MAR-2000; 2000US-0008439.  
PR 17-MAY-2000; 2000US-0013705.  
PR 22-MAY-2000; 2000US-0014042.  
PR 30-MAY-2000; 2000US-0014941.  
PR 02-JUN-2000; 2000US-0015264.  
PR 28-JUL-2000; 2000US-0020710.  
PR 24-AUG-2000; 2000US-0023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 10-NOV-2000; 2000US-0030873.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000US-0032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000US-0034956.  
PR 28-FEB-2001; 2001US-0006520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001US-00816920.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-00886342.  
PR 29-JUN-2001; 2001US-0021066.  
PR 09-JUL-2001; 2001US-0021735.  
PR 30-JUL-2001; 2001US-00918585.

(GETH ) GENENTECH INC.

PA Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Klavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-341189/32.

DR N-PSDB; ACA66277.

XX New genes and secreted and transmembrane polypeptides (e.g. PRO337 or PRO1559), useful for treating or diagnosing e.g. cancers, atherosclerosis, infertility, stroke, encephalitis, hepatitis or multiple sclerosis in mammals.

XX Claim 12; Fig 129; 460pp; English.

XX The invention relates to a new isolated nucleic acid molecule comprises a sequence with at least 80% identity to: (a) a nucleotide encoding any of 94 PRO polypeptides whose sequences are fully defined in the specification; or (b) any of 94 nucleotide sequences fully defined in the specification; or the full length coding sequence of any these 94 nucleotide sequences. Also included are an isolated PRO polypeptide scoring at least 80% positives when compared to any of the PRO polypeptide sequences cited above (or an isolated PRO polypeptide having at least 80% amino acid sequence identity to: (a) an amino acid sequence encoded by the nucleotide deposited with ATCC numbers listed in the specification; (b) the PRO polypeptide, lacking its associated signal peptide; or (c) an extracellular domain of the PRO polypeptide, with or lacking its associated signal peptide), a vector comprising the nucleic acid molecule, a host cell comprising the vector (and producing a PRO polypeptide), a chimaeric molecule comprising the PRO polypeptide fused to a heterologous amino acid sequence and an anti-PRO antibody. The PRO polypeptides or polynucleotides are useful as pharmaceuticals, diagnostics, biosensors or bioreactors. These are particularly useful for detecting or treating e.g. malignancies or cancers (e.g. ovarian cancer, colorectal cancer, sarcoma, leukaemia or lymphoma), inflammatory disease, necrosis, atherosclerosis, infertility, premature aging, psoriasis, inflammatory disease, renal disease, arthritis, immune-mediated alopecia, stroke, encephalitis, hepatitis, or multiple sclerosis in mammals. The PRO polypeptides are useful in drug screening, particularly as targets for therapeutic intervention in these diseases, and in the diagnostic determination of the presence of these diseases. The PRO polypeptides are also useful as molecular weight markers, or for chromosome identification. The PRO genes are useful as hybridisation probes, or for screening libraries of human cDNA, genomic DNA or mRNA. The PRO genes may also be used in gene therapy, particularly for replacing a defective gene. The present sequence represents a PRO polypeptide

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 5; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPLGYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPLGYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGYMYLVSS 144  
DB 121 CKLAFYLLAFFYLYGYMYLVSS 144

RESULT 25  
ABU82107  
ID ABU82107 standard; protein; 144 AA.  
XX ABU82107;  
AC ABU82107;  
XX 25-JUN-2003 (first entry)  
DT Novel human secreted and transmembrane protein PRO181.  
XX Human; secreted and transmembrane protein; PRO; cardiant; cytostatic;  
KW antiangiogenic; hypotensive; vulnery; antiarteriosclerotic;  
KW gene therapy; cardiovascular disorder; endothelial disorder;

KW angiogenic disorder; cardiac hypertrophy; trauma; cancer;  
KW age-related macular degeneration; atherosclerosis; hypertension;  
KW arterial restenosis; rheumatoid arthritis; angina; myocardial infarction;  
KW thrombophlebitis; lymphangitis; tumour angiogenesis; breast carcinoma;  
KW liver carcinoma; wound healing; chromosome mapping; gene mapping.  
XX  
OS Homo sapiens.  
XX US2003088063-A1.  
PN 08-MAY-2003.  
XX  
PF 12-AUG-2002; 2002US-00219003.  
XX  
XX 25-JUL-2000; 2000US-0220664P.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX  
PA (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
PI WPI; 2003-393229/37.  
DR N-PSDB; ACA68556.  
XX  
XX One hundred and eighty seven nucleic acids encoding PRO polypeptides,  
PT useful in diagnosis and treatment of cardiovascular (e.g. myocardial  
PT infarction), endothelial or angiogenic disorders in a mammal.  
XX  
XX Claim 11; Fig 120; 314pp; English.  
XX The invention describes one hundred and eighty seven nucleic acids  
CC encoding novel human secreted and transmembrane (PRO) polypeptides. The  
CC PRO nucleic acids, polypeptides, agonists and antagonists are useful for  
CC treating or diagnosing a cardiovascular, endothelial or angiogenic  
CC disorder in a mammal e.g. cardiac hypertrophy, trauma, cancer, age-  
CC related macular degeneration, atherosclerosis, hypertension, arterial  
CC restenosis, rheumatoid arthritis, angina, myocardial infarctions,  
CC thrombophlebitis, lymphangitis, tumour angiogenesis (such as breast  
CC carcinoma and liver carcinoma) and wound healing. The PRO nucleic acids  
CC have applications in molecular biology, including use as hybridisation  
CC probes, and in chromosome and gene mapping. This is the amino acid  
CC sequence of a novel human secreted and transmembrane PRO polypeptide

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPLGYDPTTINADILAYCQKEGW 120  
DB 61 FFCVMFLCAEWLTGLNMPLLAYHWRYSRPMVSGPLGYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGYMYLVSS 144  
DB 121 CKLAFYLLAFFYLYGYMYLVSS 144

RESULT 26  
ABJ72287  
ID ABJ72287 standard; protein; 144 AA.  
XX ABJ72287;  
AC ABJ72287;  
XX 06-NOV-2003 (first entry)  
DT  
XX

DE Human PRO181 protein.  
 XX  
 KW PRO; proliferation; pericyte cell; TNF-alpha; blood; chondrocyte;  
 KW differentiation; dermal fibroblast; tumour; gene therapy; cytostatic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003050448-A1.  
 XX  
 PD 13-MAR-2003.  
 XX  
 PF 28-AUG-2002; 2002US-00230414.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 XX  
 PR 29-JUN-2001; 2001WO-US021066.  
 XX  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Deenoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 XX WPI; 2003-521818/49.  
 DR  
 DR N-PSDB; ABT44285.  
 XX  
 XX New nucleic acid encoding for a PRO protein, useful for the manufacture  
 PT of a medicament for diagnosing or treating tumors or for measuring or  
 PT detecting expression of an associated gene.  
 XX  
 PS Claim 11; Fig 120; 315pp; English.  
 XX  
 CC The invention relates to a novel isolated nucleic acid encoding a fully  
 CC defined PRO polypeptide. The molecules of the invention may be useful for  
 CC stimulating proliferation or gene expression in pericyte cells or the  
 CC release of TNF-alpha from human blood. Other possible uses include the  
 CC stimulation or inhibition of chondrocyte proliferation or  
 CC differentiation, the stimulation of human dermal fibroblast cell  
 CC proliferation and the detection of the presence of a tumour within a  
 CC mammal. Furthermore, the nucleic acid may be useful for the manufacture  
 CC of a medicament for diagnosing or treating a tumour within a mammal or  
 CC for measuring or detecting the expression of an associated gene, as well  
 CC as during gene therapy. The current sequence is that of the human PRO  
 CC protein of the invention  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
 QY 61 FFCVNFCAAEWLITGLNMPILAYHIWYMRPVMVSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLITGLNMPILAYHIWYMRPVMVSGPGLYDPTTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 27  
 ID AAO23970  
 XX AAO23970 standard; protein; 144 AA.  
 AC AAO23970;  
 XX  
 XX 06-NOV-2003 (first entry)  
 XX  
 DE Human Cornichon-like protein.

KW Anorectic; antiinflammatory; cardiant; hypotensive; antidiabetic;  
 KW neuroprotective; pharmaceutical composition; body-weight regulation;  
 KW thermogenesis; metabolic; obesity; Syndrome X; insulin-resistance;  
 KW eating disorder; cachexia; diabetes mellitus; hypertension; gallstone;  
 KW pancreatic dysfunction; arteriosclerosis; coronary heart disease;  
 KW hypercholesterolaemia; dyslipidaemia; osteoarthritis; ROS defence;  
 KW reactive oxygen species; neurodegenerative; mitochondrial; gene therapy;  
 KW human; Cornichon.  
 XX  
 XX Homo sapiens.  
 OS  
 PN WO2003061681-A2.  
 XX  
 PD 31-JUL-2003.  
 XX  
 PF 24-JAN-2003; 2003WO-EP000738.  
 XX  
 PR 25-JAN-2002; 2002EP-00001806.  
 PR 14-FEB-2002; 2002EP-00003473.  
 PR 28-FEB-2002; 2002EP-00004687.  
 PR 25-APR-2002; 2002EP-00009475.  
 PR 18-JUN-2002; 2002EP-00013329.  
 PR 30-DEC-2002; 2002EP-00029081.  
 XX  
 PA (DEVE-) DEVELOPENTWICKLUNGSBIOLOGISCHE FORSCH.  
 XX  
 PI Steuernagel A, Molitor A, Eulenberg K, Broemner G;  
 XX  
 DR WPI; 2003-627418/59.  
 DR N-PSDB; AAL57524.  
 XX  
 XX New pharmaceutical composition, useful for the manufacture of an agent  
 PT for diagnosing, treating or preventing disorders related to body-weight  
 PT regulation and thermogenesis, e.g., metabolic diseases such as obesity.  
 XX  
 PS Claim 3; Fig 5C; 144pp; English.  
 XX  
 CC The invention relates to a novel pharmaceutical composition comprising a  
 CC nucleic acid molecule or polypeptide which is a human homologue of a  
 CC Drosophila melanogaster polypeptide or polynucleotide. The composition of  
 CC the invention may be utilised during the diagnosis, study, prevention and  
 CC treatment of diseases related to body-weight regulation and thermogenesis  
 CC including metabolic disorders such as obesity, Syndrome X and insulin-  
 CC resistance syndrome and eating disorders e.g. cachexia, diabetes  
 CC mellitus, hypertension, pancreatic dysfunctions, arteriosclerosis,  
 CC coronary heart disease, hypercholesterolaemia, dyslipidaemia,  
 CC osteoarthritis and gallstones. Furthermore, disorders related to reactive  
 CC oxygen species (ROS) defence may be addressed by the invention including  
 CC neurodegenerative disorders or mitochondrial disorders. Finally, the  
 CC composition of the invention may be useful in gene therapy. The current  
 CC sequence is that of the human Cornichon-like protein of the invention  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIIHA 60  
 QY 61 FFCVNFCAAEWLITGLNMPILAYHIWYMRPVMVSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLITGLNMPILAYHIWYMRPVMVSGPGLYDPTTIMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 28  
 ADA24861

ID ADA24861 standard; protein; 144 AA.  
XX AC ADA24861;  
XX DT 20-NOV-2003 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX KW Human; secreted and transmembrane protein; PRO; tissue typing;  
KW Chromosome identification; vaccine; cancer; retinal disorder;  
KW sports-related joint disorder; osteoarthritis; rheumatoid arthritis;  
KW wound healing; obesity; diabetes; hearing loss;  
KW cardiac insufficiency disorder; kidney disorder; nervous system disorder;  
KW haemoglobin associated disorder.  
XX OS Homo sapiens.  
XX PN US2003050241-A1.  
XX PD 13-MAR-2003.  
XX PF 16-OCT-2001; 2001US-00978564.  
XX 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 25-MAR-1998; 98US-0079566P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079689P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 01-APR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 09-APR-1998; 98US-0081195P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081223P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081955P.  
PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
PR 22-APR-1998; 98US-0082700P.  
PR 22-APR-1998; 98US-0082704P.  
PR 22-APR-1998; 98US-0082797P.  
PR 22-APR-1998; 98US-0082804P.  
PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
PR 28-APR-1998; 98US-0083322P.  
PR 29-APR-1998; 98US-0083392P.  
PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084598P.  
PR 07-MAY-1998; 98US-0084600P.  
PR 07-MAY-1998; 98US-0084627P.  
PR 07-MAY-1998; 98US-0084637P.  
PR 07-MAY-1998; 98US-0084639P.  
PR 07-MAY-1998; 98US-0084640P.  
PR 07-MAY-1998; 98US-0084643P.  
PR 13-MAY-1998; 98US-0085323P.  
PR 13-MAY-1998; 98US-0085338P.  
PR 13-MAY-1998; 98US-0085339P.  
PR 15-MAY-1998; 98US-0085573P.  
PR 15-MAY-1998; 98US-0085579P.  
PR 15-MAY-1998; 98US-0085580P.  
PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
PR 28-MAY-1998; 98US-0087106P.  
PR 28-MAY-1998; 98US-0087208P.  
PR 26-JUN-1998; 98US-0090863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98WO-US024855.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.



PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 07-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US0003565.  
 PR 18-FEB-2000; 2000WO-US0004341.  
 PR 24-FEB-2000; 2000WO-US0005004.  
 PR 02-MAR-2000; 2000WO-US0005841.  
 PR 10-MAR-2000; 2000WO-US0006319.  
 PR 21-MAR-2000; 2000WO-US0007532.  
 PR 30-MAR-2000; 2000WO-US0008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX XX

(GETH ) GENENTECH INC.

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski P, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX WPI; 2003-521814/49.  
 DR N-PSDE; ADA24860.

XX New isolated PRO polypeptides for example extracellular, secreted and  
 PT membrane bound proteins, useful for modulating the biological activities  
 PT of cells and for treating, for example diabetes, cancer, rheumatoid  
 PT arthritis, and hearing loss.

XX Claim 12; Fig 129; 461pp; English.

XX The invention describes an isolated secreted and transmembrane (PRO)  
 CC polypeptide (I). PRO337 polypeptide is useful for detecting PRO4993  
 CC polypeptide in a sample, and vice versa. PRO725, PRO700 and PRO739 are  
 CC useful for detecting PRO1559 polypeptide in a sample, and PRO1559 is  
 CC useful for detecting PRO725, PRO700 and PRO739 in a sample. PRO4993 is  
 CC useful for linking a bioactive molecule to a cell expressing a PRO337  
 CC polypeptide, and PRO337 is useful for linking a bioactive molecule to a  
 CC cell expressing a PRO4993 polypeptide. PRO1559 is useful for linking a  
 CC bioactive molecule to a cell expressing a PRO735, PRO700 and PRO739

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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 Db 1 MAFTFAFCYMLALLTAALFFAIWHIIAFDEKTKYKPIDOCNTINPLVLPYLIHA 60  
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 Db 61 FFCVMFLCAAEWLTGLNMPPLAHYIWRYSRPMVSGPGLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGYMYLVSS 144  
 Db 121 CKLAFYLLAFYYLYGYMYLVSS 144

RESULT 29

ABO19689  
 ID ABO19689 standard; protein; 144 AA.  
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 AC ABO19689;  
 XX  
 DT 08-SEP-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
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 KW Human; secreted and transmembrane protein; PRO; cell death; neuropathy;  
 KW peripheral neuropathy; diabetic peripheral neuropathy;  
 KW AIDS-associated neuropathy; Charcot-Marie-Tooth disease;  
 KW Refsum's disease; Abetalipoproteinemia; Tangier disease;  
 KW Krabbe's disease; Metachromatic leukodystrophy; Fabry's disease;  
 KW Dejerine-Sottas syndrome; chromosome mapping; gene mapping; gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003050240-A1.  
 PN  
 XX  
 PD 13-MAR-2003.  
 XX  
 PF 16-OCT-2001; 2001US-00978403.  
 XX  
 PR 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
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 PR 26-APR-1999; 98US-0131022P.  
 PR 28-APR-1999; 98US-0131445P.  
 PR 14-MAY-1999; 98US-0134287P.  
 PR 14-MAY-1999; 98US-0134287P.  
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 PR 26-JUL-1999; 98US-0145698P.  
 PR 28-JUL-1999; 98US-0146222P.  
 PR 29-OCT-1999; 98US-0162506P.  
 PR 30-NOV-1999; 98US-0283313P.  
 PR 02-DEC-1999; 98US-0283551P.  
 PR 16-DEC-1999; 98US-028565P.  
 PR 30-DEC-1999; 98US-0300095P.  
 PR 30-DEC-1999; 98US-0301243P.  
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 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000219.  
 PR 11-FEB-2000; 2000WO-US000376.  
 PR 16-FEB-2000; 2000WO-US000376.  
 PR 24-FEB-2000; 2000WO-US0004341.  
 PR 02-MAR-2000; 2000WO-US0005004.  
 PR 10-MAR-2000; 2000WO-US0005841.  
 PR 21-MAR-2000; 2000WO-US0006319.  
 PR 30-MAR-2000; 2000WO-US0008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US006520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001WO-US021735.  
 XX  
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 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gunney AL, Hillan KU;  
 PI Kijavini IU, Kuo SS, Napier MA, Pan J, Paoi NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PW, Wood WL;  
 XX  
 XX WPI; 2003-503575/47.  
 DR N-PSDB; ACD29878.  
 XX  
 DR  
 DR  
 XX  
 PT Novel secreted and transmembrane polypeptide for modulating biological  
 PT activity of cell expressing the polypeptide, identifying agonists or  
 PT antagonists of polypeptide, and as molecular weight markers.  
 XX  
 PS Claim 12; Fig 129; 459pp; English.  
 XX  
 CC The invention describes an isolated, secreted and transmembrane  
 CC polypeptide, termed PRO polypeptide (I). (I) is useful for detecting  
 CC PRO4993, PRO337, PRO1559, PRO725, PRO700 or PRO739 polypeptide, and for  
 CC linking a bioactive molecule to a cell expressing the above polypeptides.  
 CC The bioactive molecule is a toxin, radiolabel or an antibody and causes  
 CC cell death. (I) is useful as therapeutic agent, in medical and industrial  
 CC applications e.g. for treating neuropathy, especially peripheral  
 CC neuropathy, diabetic peripheral neuropathy, AIDS-associated neuropathy,  
 CC Charcot-Marie-Tooth disease, Refsum's disease, Abetalipoproteinemia,  
 CC Tangier disease, Krabbe's disease, Metachromatic leukodystrophy, Fabry's  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQNTINPLVPEYLIHA 60  
 Db 1 MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQNTINPLVPEYLIHA 60  
 QY 61 FFCVNFCAEAWLTLGLNMPLLAYHIWYMRPWSGPLYDPTTINADILAYCQKEGW 120  
 Db 61 FFCVNFCAEAWLTLGLNMPLLAYHIWYMRPWSGPLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 30  
ADA12522  
ID ADA12522 standard; protein; 144 AA.  
XX  
AC ADA12522;  
XX  
DT  
XX  
XX 06-NOV-2003 (first entry)  
XX  
XX Human secreted/transmembrane polypeptide PRO181.  
XX  
XX inflammatory disease; organ failure; atherosclerosis; cardiac injury;  
KW infertility; birth defect; premature aging; AIDS; cancer;  
KW diabetic complication; tissue typing; human.  
XX  
OS Homo sapiens.  
XX  
XX US2003055216-A1.  
PN  
XX  
XX 20-MAR-2003.  
PD  
XX  
XX 17-OCT-2001; 2001US-00978824.  
PF  
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XX 21-MAY-1996; 96US-0018043P.  
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PR 03-NOV-1997; 97US-0064243P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
PR 11-MAR-1998; 98US-0077649P.  
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PR 20-MAR-1998; 98US-0078933P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
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PR 22-APR-1998; 98US-0082700P.  
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PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.

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 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.

Ashkenazi AV, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Geber H, Gerritsen ME;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
 DB 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 31  
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 ID ABU72415 standard; protein; 144 AA.

XX AC ABU72415;  
 XX DT 06-NOV-2003 (first entry)  
 XX DE Human PRO181 protein.  
 XX KW PRO; blood; proliferation; pericyte cell; TNF alpha; chondrocyte;  
 KW tumour necrosis factor; proliferation; differentiation; gene therapy;  
 KW dermal fibroblast.  
 XX OS Homo sapiens.  
 XX PN US2003027988-A1.  
 XX PD 06-FEB-2003.  
 XX PF 26-AUG-2002; 2002US-00227884.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI: 2003-503301/47.  
 DR N-PSDB; ABT44568.  
 XX PT New PRO protein encoding nucleic acid, useful for preparing PRO  
 PT polypeptides and anti-PRO antibodies for detecting the presence of a  
 tumor in a mammal.  
 XX PS Claim 11; Fig 120; 324pp; English.

XX CC The invention relates to a novel isolated PRO protein encoding nucleic  
 CC acid. The nucleic acid of the invention may be useful for preparing PRO  
 CC polypeptides and anti-PRO antibodies for detecting the presence of a  
 CC tumour in a mammal. Furthermore, the molecules of the invention may be  
 CC useful for stimulating proliferation or gene expression in pericyte  
 CC cells, the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, the proliferation or differentiation of chondrocyte cells and for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells.  
 CC Finally, the molecules may be utilised during gene therapy. The current  
 CC sequence is that of the human PRO protein of the invention

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
 DB 61 FFCVMEFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPLYDPTTINNADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 32  
 ABO34310

ID ABO34310 standard; protein; 144 AA.  
 AC ABO34310;  
 DT 19-SEP-2003 (first entry)  
 XX  
 DE Human secreted/transmembrane polypeptide PRO 181.  
 XX  
 KW Human; chondrocyte stimulation; TNF-alpha stimulation; gene therapy;  
 KW human dermal fibroblast stimulation; tumour; tissue typing;  
 KW affinity purification.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003044934-A1.  
 XX  
 PD 06-MAR-2003.  
 XX  
 XX 28-AUG-2002; 2002US-00230338.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 PA  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 PI WPI; 2003-492274/46.  
 DR N-PSDB; ACD82235.  
 DR  
 XX New transmembrane polypeptides and nucleic acids encoding the  
 PT polypeptides, useful in gene therapy, in chromosome identification, as  
 PT chromosome markers, or in generating probes.  
 XX  
 PS Claim 19; Fig 120; 315pp; English.  
 XX  
 CC The invention relates to an isolated nucleic acid encoding a PRO  
 CC polypeptide. Nucleic acids that encode PRO can be used to generate either  
 CC transgenic animals or knock-out animals useful in developing and  
 CC screening of therapeutically useful reagents. The nucleic acids may also  
 CC be used in gene therapy for replacing defective gene, in chromosome  
 CC identification, as chromosome markers, or in generating probes to isolate  
 CC full length PRO cDNA. The PRO polypeptides are useful for chondrocyte  
 CC stimulation, TNF-alpha stimulation, human dermal fibroblasts stimulation  
 CC and for detecting the presence of tumour in an mammal. The PRO  
 CC polypeptides are useful as molecular markers for protein electrophoresis  
 CC and the isolated nucleic acids may be used for recombinantly expressing  
 CC those markers. The PRO polypeptides and nucleic acids may also be used in  
 CC tissue typing. Anti-PRO antibodies are useful in diagnostic assays for  
 CC PRO and in affinity purification of PRO from recombinant cell culture or  
 CC natural sources. The present sequence represents the amino acid sequence  
 CC of a human secreted/transmembrane PRO polypeptide  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 6; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFYCMALLITAAIIFFAIWHIIAFDELKDYKNPIDQCNLTNPLVLPYLIHA 60  
 DB 1 MAFTFAAFYCMALLITAAIIFFAIWHIIAFDELKDYKNPIDQCNLTNPLVLPYLIHA 60  
 QY 61 FFCVNFCAAEWLTGLNNPLAYHWYMSRPMVSGPLGYDPTTMMADIIAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNNPLAYHWYMSRPMVSGPLGYDPTTMMADIIAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 33  
 ABO19580  
 ID ABO19580 standard; protein; 144 AA.  
 XX  
 AC ABO19580;  
 XX  
 DT 27-AUG-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane polypeptide #48.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; viral infection;  
 KW tumour growth; retinal disorder; injury; sight loss;  
 KW retinitis pigmentosum; age-related macular degeneration;  
 KW sport-related joint problem; articular cartilage defect; osteoarthritis;  
 KW rheumatoid arthritis; wound healing; obesity; diabetes; insulinemia;  
 KW kidney disorder; mesangial cell function; Berger disease; neuropathy;  
 KW celiac disease; dermatitis; Crohn disease; neuropathy;  
 KW cardiac- insufficiency disorder; peripheral neuropathy;  
 KW diabetic peripheral neuropathy; autonomic neuropathy;  
 KW reduced motility of the gastrointestinal tract;  
 KW atony of the urinary bladder; post polio syndrome; Krabbe's disease;  
 KW Charcot-Marie-Tooth disease; Fabry's disease; Tangier disease;  
 KW Refsum's disease.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003049633-A1.  
 XX  
 PD 13-MAR-2003.  
 XX  
 XX 16-OCT-2001; 2001US-00978585.  
 PF  
 XX 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.  
 PR 13-MAR-1998; 98US-0078004P.  
 PR 17-MAR-1998; 98US-00040220.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 20-MAR-1998; 98US-0078939P.  
 PR 25-MAR-1998; 98US-0079294P.  
 PR 26-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079664P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 27-MAR-1998; 98US-0079786P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 30-MAR-1998; 98US-0079923P.  
 PR 31-MAR-1998; 98US-0080105P.  
 PR 31-MAR-1998; 98US-0080107P.  
 PR 31-MAR-1998; 98US-0080165P.  
 PR 31-MAR-1998; 98US-0080194P.  
 PR 01-APR-1998; 98US-0080327P.  
 PR 01-APR-1998; 98US-0080328P.  
 PR 01-APR-1998; 98US-0080333P.  
 PR 01-APR-1998; 98US-0080334P.  
 PR 08-APR-1998; 98US-0081049P.  
 PR 08-APR-1998; 98US-0081070P.  
 PR 08-APR-1998; 98US-0081071P.  
 PR 09-APR-1998; 98US-0081195P.  
 PR 09-APR-1998; 98US-0081203P.  
 PR 09-APR-1998; 98US-0081229P.  
 PR 15-APR-1998; 98US-0081817P.  
 PR 15-APR-1998; 98US-0081819P.

PR	15-APR-1998;	98US-0081838P.	PR	12-MAR-1999;	99US-0123957P.
PR	15-APR-1998;	98US-0081952P.	PR	29-MAR-1999;	99US-0126773P.
PR	15-APR-1998;	98US-0081955P.	PR	12-APR-1999;	99US-00284291.
PR	21-APR-1998;	98US-0082568P.	PR	21-APR-1999;	99US-0130232P.
PR	21-APR-1998;	98US-0082569P.	PR	26-APR-1999;	99US-0131022P.
PR	22-APR-1998;	98US-0082700P.	PR	28-APR-1999;	99US-0131445P.
PR	22-APR-1998;	98US-0082704P.	PR	14-MAY-1999;	99US-00311832.
PR	22-APR-1998;	98US-0082757P.	PR	14-MAY-1999;	99US-0134287P.
PR	22-APR-1998;	98US-0082804P.	PR	14-MAY-1999;	99US-0134287P.
PR	23-APR-1998;	98US-0082796P.	PR	02-JUN-1999;	99US-0134287P.
PR	27-APR-1998;	98US-0083336P.	PR	02-JUN-1999;	99US-0134287P.
PR	28-APR-1998;	98US-0083322P.	PR	16-JUN-1999;	99US-0139557P.
PR	29-APR-1998;	98US-0083392P.	PR	23-JUN-1999;	99US-0141037P.
PR	29-APR-1998;	98US-0083495P.	PR	07-JUL-1999;	99US-0142680P.
PR	29-APR-1998;	98US-0083496P.	PR	26-JUL-1999;	99US-0145698P.
PR	29-APR-1998;	98US-0083499P.	PR	28-JUL-1999;	99US-0146222P.
PR	29-APR-1998;	98US-0083500P.	PR	25-AUG-1999;	99US-00380137.
PR	29-APR-1998;	98US-0083545P.	PR	25-AUG-1999;	99US-00380138.
PR	29-APR-1998;	98US-0083549P.	PR	25-AUG-1999;	99US-00380142.
PR	29-APR-1998;	98US-0083554P.	PR	29-OCT-1999;	99US-0162506P.
PR	29-APR-1998;	98US-0083558P.	PR	30-NOV-1999;	99US-0162506P.
PR	29-APR-1998;	98US-0083559P.	PR	02-DEC-1999;	99US-0162506P.
PR	30-APR-1998;	98US-0083742P.	PR	02-DEC-1999;	99US-0162506P.
PR	05-MAY-1998;	98US-0084366P.	PR	16-DEC-1999;	99US-0162506P.
PR	06-MAY-1998;	98US-0084414P.	PR	30-DEC-1999;	99US-0162506P.
PR	06-MAY-1998;	98US-0084414P.	PR	30-DEC-1999;	99US-0162506P.
PR	07-MAY-1998;	98US-0084598P.	PR	05-JAN-2000;	2000US-0000219.
PR	07-MAY-1998;	98US-0084600P.	PR	06-JAN-2000;	2000US-0000219.
PR	07-MAY-1998;	98US-0084627P.	PR	06-JAN-2000;	2000US-0000219.
PR	07-MAY-1998;	98US-0084637P.	PR	11-FEB-2000;	2000US-0000376.
PR	07-MAY-1998;	98US-0084639P.	PR	18-FEB-2000;	2000US-0000376.
PR	07-MAY-1998;	98US-0084640P.	PR	24-FEB-2000;	2000US-0000376.
PR	07-MAY-1998;	98US-0084643P.	PR	02-MAR-2000;	2000US-00005841.
PR	13-MAY-1998;	98US-0085323P.	PR	10-MAR-2000;	2000US-00005841.
PR	13-MAY-1998;	98US-0085339P.	PR	21-MAR-2000;	2000US-00007532.
PR	15-MAY-1998;	98US-0085573P.	PR	30-MAR-2000;	2000US-00008439.
PR	15-MAY-1998;	98US-0085579P.	PR	17-MAY-2000;	2000US-00013705.
PR	15-MAY-1998;	98US-0085580P.	PR	22-MAY-2000;	2000US-00013705.
PR	15-MAY-1998;	98US-0085582P.	PR	30-MAY-2000;	2000US-00014042.
PR	15-MAY-1998;	98US-0085689P.	PR	02-JUN-2000;	2000US-00015264.
PR	15-MAY-1998;	98US-0085700P.	PR	28-JUL-2000;	2000US-00020710.
PR	15-MAY-1998;	98US-0085704P.	PR	24-AUG-2000;	2000US-00023328.
PR	15-MAY-1998;	98US-0085704P.	PR	08-NOV-2000;	2000US-00029238.
PR	15-MAY-1998;	98US-0085704P.	PR	27-NOV-2000;	2000US-00029238.
PR	15-MAY-1998;	98US-0085704P.	PR	01-DEC-2000;	2000US-00032678.
PR	15-MAY-1998;	98US-0086023P.	PR	20-DEC-2000;	2000US-00032678.
PR	22-MAY-1998;	98US-0086392P.	PR	20-DEC-2000;	2000US-00032678.
PR	22-MAY-1998;	98US-0086414P.	PR	20-DEC-2000;	2000US-00032678.
PR	22-MAY-1998;	98US-0086430P.	PR	28-FEB-2001;	2001US-00006520.
PR	22-MAY-1998;	98US-0086436P.	PR	22-MAR-2001;	2001US-00016744.
PR	28-MAY-1998;	98US-0087098P.	PR	22-MAR-2001;	2001US-00016920.
PR	28-MAY-1998;	98US-0087106P.	PR	22-MAR-2001;	2001US-00016920.
PR	28-MAY-1998;	98US-0087208P.	PR	10-MAY-2001;	2001US-00054208.
PR	26-JUN-1998;	98US-00105413.	PR	10-MAY-2001;	2001US-00054208.
PR	26-JUN-1998;	98US-0090863P.	PR	25-MAY-2001;	2001US-00017092.
PR	26-JUN-1998;	98US-0091010P.	PR	01-JUN-2001;	2001US-00872035.
PR	01-JUL-1998;	98US-0091359P.	PR	01-JUN-2001;	2001US-00872035.
PR	30-JUL-1998;	98US-0094651P.	PR	05-JUN-2001;	2001US-00874503.
PR	11-SEP-1998;	98US-0100038P.	PR	14-JUN-2001;	2001US-00882636.
PR	07-OCT-1998;	98US-00169578.			
PR	07-OCT-1998;	98US-00211411.			
PR	02-NOV-1998;	98US-00184216.			
PR	06-NOV-1998;	98US-00187368.			
PR	20-NOV-1998;	98US-0109304P.			
PR	20-NOV-1998;	98US-00204855.			
PR	07-DEC-1998;	98US-00202054.			
PR	22-DEC-1998;	98US-00218517.			
PR	22-DEC-1998;	98US-0113296P.			
PR	23-DEC-1998;	98US-0113621P.			
PR	05-JAN-1999;	99US-00000106.			
PR	05-JAN-1999;	99US-00254465.			
PR	08-MAR-1999;	99US-00050208.			
PR	10-MAR-1999;	99US-00265686.			
PR	10-MAR-1999;	99US-00005190.			
PR	12-MAR-1999;	99US-00267213.			
			Query Match 100.0%; Score 784; DB 6; Length 144;		
			Best Local Similarity 100.0%; Pred. No. 2.2e-85; Mismatches 0; Indels 0; Gaps 0;		
			Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;		
Qy	1	MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKPNIDQCNLTNPLVPEYLHA 60			
Db	1	MAFTFAFCYMLALLTAALIFFAIWHIAFDELKTDYKPNIDQCNLTNPLVPEYLHA 60			
Qy	61	FFCMFLCAEWLTGLNMPFLAYHWRVMSRPMVSGPLGYDFTTINADILAYCOKEG 120			
Db	61	FFCMFLCAEWLTGLNMPFLAYHWRVMSRPMVSGPLGYDFTTINADILAYCOKEG 120			
Qy	121	CKLAFYLLAFYYLYGMIVLVSS 144			
Db	121	CKLAFYLLAFYYLYGMIVLVSS 144			

RESULTS 34	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
ABJ72117	
ID ABJ72117 standard; protein; 144 AA.	
XX AC ABJ72117;	
XX DT 16-OCT-2003 (first entry)	
XX DE Human membrane bound receptor/protein PRO181 amino acid sequence.	
XX DE Human; PRO; membrane bound protein; membrane bound receptor;	
XX DE cell proliferation; cell migration; cytotoxic factor;	
XX DE mitogenic factor; survival factor; cytotoxic factor;	
XX DE differentiation factor; neurotrophin; hormone; cell receptor;	
XX DE receptor-ligand interaction; cytostatic; chondrocyte; tumour.	
XX OS Homo sapiens.	
XX OS US2003065147-A1.	
XX PN 03-APR-2003.	
XX PD 29-AUG-2002; 2002US-00232224.	
XX PF 28-JUL-1999; 99US-0146222P.	
XX PR 24-FEB-2000; 2000WO-US0005004.	
XX PR 02-MAR-2000; 2000WO-US0005841.	
XX PR 01-JUN-2001; 2001WO-US017800.	
XX PR 23-JUN-2001; 2001WO-US021066.	
XX PR 03-APR-2002; 2002US-00119480.	
XX PA (GETH ) GENENTECH INC.	
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski P;	
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
XX PI WPI; 2003-522018/49.	
XX DR N-PSDB; ABT43941.	
XX XX One hundred and twenty two nucleic acids encoding PRO polypeptides,	
XX XX useful for the manufacture of a medicament for diagnosing or treating	
XX XX tumor.	
XX XX Claim 11; Fig 120; 315pp; English.	
XX XX This invention relates to one hundred and twenty two novel nucleic acids	
XX XX encoding human PRO membrane bound proteins or receptors. Extracellular	
XX XX proteins play important roles in the formation, differentiation and	
XX XX maintenance of multicellular organisms. The fate of many individual cells	
XX XX (for example proliferation, migration or differentiation) is typically	
XX XX governed by information received from other cells and the immediate	
XX XX environment. The information is often transmitted by secreted	
XX XX polypeptides (for example mitogenic factors, survival factors, cytotoxic	
XX XX factors, differentiation factors, neurotrophins and hormones) which are	
XX XX received and interpreted by diverse cell receptors or membrane bound	
XX XX proteins. These membrane bound proteins and receptors may be of use as	
XX XX pharmaceutical and diagnostic agents, such as in the blocking of receptor	
XX XX -ligand interactions. The current invention provides the amino acid	
XX XX sequences of novel human membrane bound receptors and proteins, along	
XX XX with the cDNA sequences encoding them. The novel proteins of the	
XX XX invention may have cytostatic activities through the stimulation of	
XX XX chondrocytes. The nucleic acids of the invention may be useful for the	
XX XX manufacture of a medicament for diagnosing or treating a tumour in a	
XX XX mammal. In addition, they may be useful for measuring or detecting the	
XX XX expression of a tumour associated gene. The present sequence is the amino	
XX XX acid sequence of a human PRO protein of the invention	
XX XX Sequence 144 AA;	
XX XX Query Match 100.0%; Score 784; DB 7; Length 144;	
XX XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;	

QY 1 MAFTFAAFYMLALLTAALFFAIWHLIIAFDELKTDYKNDQCNLTNPLVPEYLHA 60	
DB 1 MAFTFAAFYMLALLTAALFFAIWHLIIAFDELKTDYKNDQCNLTNPLVPEYLHA 60	
QY 61 FFCVMFLCAAEWLTLGLNPLIAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120	
DB 61 FFCVMFLCAAEWLTLGLNPLIAYHIWYMRPVMGSLYDPTTMMADILAYCQKEGW 120	
QY 121 CKLAFFYLLAFFYLYGMIYVLVSS 144	
DB 121 CKLAFFYLLAFFYLYGMIYVLVSS 144	
RESULTS 35	
ADB83610	
ID ADB83610 standard; protein; 144 AA.	
XX AC ADB83610;	
XX DT 04-DEC-2003 (first entry)	
XX DE Novel human secreted and transmembrane protein PRO181.	
XX DE human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;	
XX DE antiarthritic; pericyte cell proliferation;	
XX DE pericyte cell differentiation; chondrocyte cell proliferation;	
XX DE chondrocyte cell differentiation; tumour necrosis factor alpha release;	
XX DE (TNF)-alpha release; dermal fibroblast cell proliferation;	
XX DE dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;	
XX DE colon tumour; breast tumour; prostate tumour; rectal tumour;	
XX DE liver tumour; tissue typing; chromosome mapping; gene mapping;	
XX DE gene therapy.	
XX OS Homo sapiens.	
XX OS US2003073814-A1.	
XX PN 17-APR-2003.	
XX PD 12-AUG-2002; 2002US-00218849.	
XX PF 01-JUN-2001; 2001WO-US017800.	
XX PR 29-JUN-2001; 2001WO-US021066.	
XX PR 09-APR-2002; 2002US-00119480.	
XX XX (GETH ) GENENTECH INC.	
XX XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski P;	
XX XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;	
XX XX WPI; 2003-644806/61.	
XX XX N-PSDB; ADB83609.	
XX XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful	
XX XX in gene therapy, chromosome identification, tissue typing, or as	
XX XX hybridization probes in chromosome and gene mapping.	
XX XX Claim 11; Fig 120; 315pp; English.	
XX XX The invention describes an isolated PRO (secreted and transmembrane)	
XX XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are	
XX XX useful for stimulating the proliferation of or gene expression in	
XX XX pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful	
XX XX for stimulating the proliferation or differentiation of chondrocyte	
XX XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide	
XX XX are useful for stimulating the release of tumour necrosis factor (TNF)-	
XX XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,	
XX XX PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,	
XX XX PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,	
XX XX PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1274, PRO1412,	
XX XX PRO1286, PRO1330, PRO1347, PRO1273, PRO1279, PRO1340, PRO1336,	

CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1987, PRO1928, PRO1431, PRO1801, PRO4333, PRO3544, PRO4344, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1486, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of expression of the above PRO polypeptides  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAACYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKSGW 120  
DB 61 FFCVWFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKSGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 36  
ID ADB80716 standard; protein; 144 AA.  
AC ADB80716;  
XX  
DT 04-DEC-2003 (first entry)  
XX  
DE Novel human secreted and transmembrane protein: PRO181.  
XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
KW antithetic; pericyte cell proliferation;  
KW pericyte cell differentiation; chondrocyte cell proliferation;  
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
KW gene therapy.  
XX  
OS Homo sapiens.  
XX  
PN US2003088068-A1.  
XX  
PD 08-MAY-2003.  
XX  
PF 13-AUG-2002; 2002US-00219481.  
XX  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
PA Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
PI WPI; 2003-657982/62.  
XX N-PSDB; ADB80715.  
DR One hundred and twenty two nucleic acids encoding PRO polypeptides,  
XX useful in gene therapy, chromosome identification, tissue typing, or as  
PT hybridization probes in chromosome and gene mapping.  
PT  
XX Claim 11; Fig 120; 305pp; English.  
XX The invention describes an isolated PRO (secreted and transmembrane)  
CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
CC useful for stimulating the proliferation of or gene expression in  
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
CC for stimulating the proliferation or differentiation of chondrocyte  
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of expression of the above PRO polypeptides  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAACYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
DB 1 MAFTFAACYMLALLTAAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKSGW 120  
DB 61 FFCVWFLCAAEWLTGLNNPLLAYHIWYMSRPVMSGPGLYDPTTMMADILAYCQKSGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 37  
ADB873257



ADB73257 standard; protein; 144 AA.  
ADB73257;  
04-DEC-2003 (first entry)  
Novel human secreted and transmembrane protein PRO181.  
human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
antiarthritic; pericyte cell proliferation;  
chondrocyte cell differentiation; chondrocyte cell proliferation;  
chondrocyte cell differentiation; tumour necrosis factor alpha release;  
(TNF)-alpha release; dermal fibroblast cell proliferation;  
dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
colon tumour; breast tumour; prostate tumour; rectal tumour;  
liver tumour; tissue typing; chromosome mapping; gene mapping;  
gene therapy.  
Homo sapiens.  
US2003096968-A1.  
22-MAY-2003.  
29-AUG-2002; 2002US-00232223.  
01-JUN-2001; 2001WO-US017800.  
29-JUN-2001; 2001WO-US021066.  
09-APR-2002; 2002US-00119480.  
(GETH ) GENENTECH INC.  
Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
Grimaldi JC, Gurney AL, Smith V, Stephan CF, Watanabe CK, Wood WI;  
N-PSDB; ADB73256.  
WPI; 2003-765525/72.  
New isolated PRO polypeptides useful as molecular weight markers in  
protein electrophoresis, useful for tissue typing, and for treating  
arthritis and tumors.  
Claim 11; Fig 120; 308pp; English.  
The invention describes an isolated PRO (secreted and transmembrane)  
polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
useful for stimulating the proliferation of or gene expression in  
pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
for stimulating the proliferation or differentiation of chondrocyte  
cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
are useful for stimulating the release of tumour necrosis factor (TNF)-  
alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
PRO247, PRO337, PRO526, PRO363, PRO331, PRO1083, PRO840, PRO1080,  
PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
PRO1025, PRO1184, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4444, PRO4322,  
PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
stimulating the proliferation of normal human dermal fibroblasts cells.  
PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
are useful for detecting the presence of tumour in a mammal which  
involves comparing the level of expression of the above PRO polypeptides  
in a test sample of cells taken from the mammal, and a control sample of  
normal cells of the same cell type, where a higher level of expression of  
the PRO polypeptides in the test sample as compared to the control sample  
is indicative of the presence of tumour in the mammal. The tumour is lung  
tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
liver tumour. (I) is useful as molecular weight markers, for tissue  
typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is

CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX Sequence 144 AA;  
SQ  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAAFVCMALLLTAALIFFFAIWHIIAFDELKTDYKNPFDQCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAAFVCMALLLTAALIFFFAIWHIIAFDELKTDYKNPFDQCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTLGLNMPLLAYHIWYNGRPVMSGPGLYDPTTMNADILAYCOKEGW 120  
Db 61 FFCVMFLCAAEWLTLGLNMPLLAYHIWYNGRPVMSGPGLYDPTTMNADILAYCOKEGW 120  
QY 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
Db 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
RESULT 38  
ADB78339  
ID ADB78339 standard; protein; 144 AA.  
XX ADB78339;  
XX 04-DEC-2003 (first entry)  
XX Novel human secreted and transmembrane protein PRO181.  
XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
XX antiarthritic; pericyte cell proliferation;  
XX chondrocyte cell differentiation; chondrocyte cell proliferation;  
XX chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX (TNF)-alpha release; dermal fibroblast cell proliferation;  
XX dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX gene therapy.  
XX Homo sapiens.  
XX US2003092889-A1.  
XX 15-MAY-2003.  
XX 13-AUG-2002; 2002US-00219478.  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX N-PSDB; ADB78338.  
XX WPI; 2003-765495/72.  
XX New isolated PRO polypeptide useful for tissue typing, gene therapy, as  
XX molecular weight markers in protein electrophoresis, and for treating  
XX arthritis and tumors.  
XX Claim 11; Fig 120; 308pp; English.  
XX The invention describes an isolated PRO (secreted and transmembrane)

CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO329, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4332,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 Db 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPFLAYHWRVMSRPFVMSGPGLYDPTTMNADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPFLAYHWRVMSRPFVMSGPGLYDPTTMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 39  
 ADB84987  
 ID ADB84987 standard; protein; 144 AA.  
 AC ADB84987;  
 XX 04-DEC-2003 (first entry)  
 DT Human PRO polypeptide #60.  
 DE Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cystostatic; antiarthritic.  
 XX Homo sapiens.  
 OS  
 XX US2003073817-A1.  
 PN

XX 17-APR-2003.  
 XX 26-AUG-2002; 2002US-00227883.  
 XX 01-AUG-2000; 2000US-0222425P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 PA Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2003-730024/69.  
 DR N-PSDB; ADB84986.  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 XX e.g. in gene therapy, disease diagnosis, chromosome identification and  
 XX tissue typing.  
 XX Claim 11; Fig 120; 31app; English.  
 XX The invention relates to human PRO polypeptides (secreted and  
 XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 XX diagnostics, biosensors or bioreactors. They are particularly useful for  
 XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 XX blood, for stimulating the proliferation or differentiation of  
 XX chondrocyte cells, for stimulating the proliferation of or gene  
 XX expression in pericyte cells or for stimulating the proliferation of  
 XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 XX hybridisation probes, in chromosome and gene mapping, in generating  
 XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 XX technology, in generating transgenic animals or knock-out animals which  
 XX may be used in the development and screening of therapeutically useful  
 XX reagents, in gene therapy, in chromosome identification, as chromosome  
 XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
 XX antibodies, are useful for preparing a medicament for treating a  
 XX condition which is responsive to the PRO polypeptides or anti-PRO  
 XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 XX differentiation of chondrocytes. The PRO polypeptides are useful as  
 XX molecular markers for protein electrophoresis and in tissue typing. This  
 XX sequence represents a human PRO polypeptide of the invention.

XX SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 Db 1 MAFTFAAFYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPFLAYHWRVMSRPFVMSGPGLYDPTTMNADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPFLAYHWRVMSRPFVMSGPGLYDPTTMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 RESULT 40  
 ADB78093  
 ID ADB78093 standard; protein; 144 AA.  
 XX ADB78093;  
 AC

CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTALIPFAIWHIIADEFELKTDYKNDICQNTLNPLVLPYLIIHA 60  
Db 1 MAFTFAFCYMLALLTALIPFAIWHIIADEFELKTDYKNDICQNTLNPLVLPYLIIHA 60  
QY 61 FFCVMFLCAAEWLITGLNMPLLAYHIMYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEWLITGLNMPLLAYHIMYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
QY 121 CKLAFFYLLAFFYLYGMIVLVSS 144  
Db 121 CKLAFFYLLAFFYLYGMIVLVSS 144  
RESULT 41  
ADB73828  
ID ADB73828 standard; protein; 144 AA.  
XX AC ADB73828;  
XX DT 04-DEC-2003 (first entry)  
XX DE Human PRO polypeptide #48.  
XX KW Human; PRO polypeptide; secreted protein; transmembrane protein;  
KW cell death; neuropathy; neuropathy related disease;  
KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;  
KW chromosome mapping; gene mapping; genetic disorder; septic shock;  
KW antibacterial; immunosuppressive; neuroprotective.  
XX OS Homo sapiens.  
XX FN US2003045462-A1.  
XX PD 06-MAR-2003.  
XX DF 16-OCT-2001; 2001US-00978608.  
XX PR 17-OCT-1997; 97US-0062250P.  
XX PR 03-NOV-1997; 97US-0064249P.  
XX PR 13-NOV-1997; 97US-0065311P.  
XX PR 21-NOV-1997; 97US-0066364P.  
XX PR 10-MAR-1998; 98US-0077450P.  
XX PR 11-MAR-1998; 98US-0077632P.  
XX PR 11-MAR-1998; 98US-0077641P.  
XX PR 12-MAR-1998; 98US-0077649P.  
XX PR 11-MAR-1998; 98US-0077791P.  
XX PR 13-MAR-1998; 98US-008004P.  
XX PR 17-MAR-1998; 98US-00040220.  
XX PR 20-MAR-1998; 98US-0078866P.  
XX PR 20-MAR-1998; 98US-0078910P.  
XX PR 20-MAR-1998; 98US-0078936P.  
XX PR 20-MAR-1998; 98US-0078939P.  
XX PR 25-MAR-1998; 98US-0079294P.  
XX PR 26-MAR-1998; 98US-0079656P.  
XX PR 27-MAR-1998; 98US-0079663P.  
XX PR 27-MAR-1998; 98US-0079664P.  
XX PR 27-MAR-1998; 98US-0079689P.  
XX PR 27-MAR-1998; 98US-0079728P.  
XX PR 27-MAR-1998; 98US-0079786P.  
XX PR 30-MAR-1998; 98US-0079820P.  
XX PR 30-MAR-1998; 98US-0079923P.  
XX PR 31-MAR-1998; 98US-0080103P.

XX  
DT  
XX  
XX  
DE  
XX  
KW Human; secreted and transmembrane protein; PRO; cytotstatic; vulnery;  
KW antiarthritic; pericyte cell proliferation;  
KW pericyte cell differentiation; chondrocyte cell proliferation;  
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
KW (TNF) alpha release; dermal fibroblast cell proliferation;  
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
KW gene therapy.  
XX  
XX Homo sapiens.  
XX FN US2003092886-A1.  
XX PD 15-MAY-2003.  
XX PF 09-AUG-2002; 2002US-00216165.  
XX PR 25-JUL-2000; 2000US-0220607P.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX  
XX WPI; 2003-765494/72.  
XX N-PSDB; ADB78092.  
XX  
XX Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
PT molecular weight markers in protein electrophoresis, for treating  
PT arthritis, tumor.  
XX  
XX Claim 11; Fig 120; 308pp; English.  
XX  
XX The invention describes an isolated PRO (secreted and transmembrane)  
CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
CC useful for stimulating the proliferation of or gene expression in  
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
CC for stimulating the proliferation or differentiation of chondrocyte  
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
CC PRO5723, PRO725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful

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Tue Jun 15 08:30:06 2004

PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080165P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
PR 01-APR-1998; 98US-0080328P.  
PR 01-APR-1998; 98US-0080333P.  
PR 01-APR-1998; 98US-0080334P.  
PR 08-APR-1998; 98US-0081049P.  
PR 08-APR-1998; 98US-0081070P.  
PR 08-APR-1998; 98US-0081071P.  
PR 08-APR-1998; 98US-0081135P.  
PR 09-APR-1998; 98US-0081203P.  
PR 09-APR-1998; 98US-0081229P.  
PR 15-APR-1998; 98US-0081817P.  
PR 15-APR-1998; 98US-0081819P.  
PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
PR 15-APR-1998; 98US-0081953P.  
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PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
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PR 07-MAY-1998; 98US-0084640P.  
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PR 13-MAY-1998; 98US-0085323P.  
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PR 15-MAY-1998; 98US-0085582P.  
PR 15-MAY-1998; 98US-0085689P.  
PR 15-MAY-1998; 98US-0085697P.  
PR 15-MAY-1998; 98US-0085700P.  
PR 15-MAY-1998; 98US-0085704P.  
PR 18-MAY-1998; 98US-0086023P.  
PR 22-MAY-1998; 98US-0086392P.  
PR 22-MAY-1998; 98US-0086414P.  
PR 22-MAY-1998; 98US-0086430P.  
PR 22-MAY-1998; 98US-0086486P.  
PR 28-MAY-1998; 98US-0087098P.  
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PR 07-OCT-1998; 98WO-US021141.  
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PR 07-DEC-1998; 98US-00202054.  
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PR 05-JAN-1999; 99US-00254465.  
PR 08-MAR-1999; 99WO-US005028.  
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PR 12-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 12-MAR-1999; 99US-0126773P.  
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PR 14-MAY-1999; 99US-0134287P.  
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PR 29-OCT-1999; 99US-0162506P.  
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PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
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PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 08-NOV-2000; 2000US-00709238.  
PR 27-NOV-2000; 2000US-00723749.  
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PR 22-MAR-2001; 2001US-00816920.  
PR 22-MAR-2001; 2001WO-US009552.  
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PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.

PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAELWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAELWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 42  
 ADB87159  
 ID ADB87159 standard; protein; 144 AA.  
 XX  
 AC  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003088067-A1.  
 XX  
 PD 08-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219479.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2003-657981/62.  
 DR N-PSDB; ADB87158.  
 XX  
 XX One hundred and twenty two nucleic acids encoding PRO polypeptides,  
 PT useful in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; Fig 120; 314pp; English.  
 PS  
 CC The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for

CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAAFCYMLALLTAALFFFAIWHIIAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAELWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAELWLTGLNMPLLAYHIWRYMSRPVMSGGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 43  
 ADB84741  
 ID ADB84741 standard; protein; 144 AA.  
 XX  
 AC ADB84741;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003092890-A1.  
 XX  
 PD 15-MAY-2003.  
 XX  
 PF 14-AUG-2002; 2002US-00219536.  
 XX  
 PR 28-JUL-1999; 99US-0146222P.  
 PR 24-FEB-2000; 2000WO-US005004.  
 PR 02-MAR-2000; 2000WO-US005841.  
 PR 01-JUN-2001; 2001WO-US0217800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.

Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2003-777259/73.  
 DR N-PSDB; ADB84740.  
 XX  
 PT New isolated PRO polypeptides, useful for tissue typing, gene therapy, as  
 PT molecular weight markers in protein electrophoresis, and for treating  
 PT arthritis and tumors.  
 XX  
 XX Claim 11; Fig 120; 308pp; English.  
 PS  
 XX The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.  
 XX  
 XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAACFYMALLLTAAALFFAIWHIAFDLKTVDKYNPDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAACFYMALLLTAAALFFAIWHIAFDLKTVDKYNPDQCNLTNPLVPEYLHA 60  
 QY 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120  
 DB 61 FFCVNFCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 RESULT 44  
 ADB83856  
 ID ADB83856 standard; protein; 144 AA.  
 XX  
 AC ADB83856;  
 DT  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.  
 OS US2003069397-A1.  
 XX  
 PN 10-APR-2003.  
 PD  
 PD 09-AUG-2002; 2002US-00216159.  
 PF  
 XX 25-JUL-2000; 2000US-0220607P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 PI WPI; 2003-657584/62.  
 DR N-PSDB; ADB83855.  
 XX  
 XX New isolated polypeptides designated PRO polypeptides including  
 PT polypeptides useful for stimulating the proliferation or differentiation  
 PT of specific cell types, and for diagnosing cancer.  
 XX  
 XX Claim 11; Fig 120; 314pp; English.  
 FS  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO114,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
 CC PRO9840, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO3725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO1714, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAACFYMALLLTAAALFFAIWHIAFDLKTVDKYNPDQCNLTNPLVPEYLHA 60  
 DB 1 MAFTFAACFYMALLLTAAALFFAIWHIAFDLKTVDKYNPDQCNLTNPLVPEYLHA 60

QY 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
 Db 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFYFYLYGMIVLVSS 144

RESULT 45  
 ADB73011  
 ID ADB73011 standard; protein; 144 AA.  
 AC ADB73011;  
 XX  
 DT 04-DEC-2003 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 OS Homo sapiens.  
 XX  
 XX US2003092887-A1.  
 XX 15-MAY-2003.  
 XX 12-AUG-2002; 2002US-00218956.  
 XX 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;  
 FI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
 XX WPI; 2003-777258/73.  
 DR N-PSDB; ADB73010.  
 XX  
 PT Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
 PT molecular weight markers, for treating arthritis, tumor.  
 XX  
 PS Claim 11; Fig 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO

CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCVMLALLTAALIPFAIWHIIAFDELKTDYKNPIDQCNPLNPLVPEYLIHA 60  
 Db 1 MAFTFAAFCVMLALLTAALIPFAIWHIIAFDELKTDYKNPIDQCNPLNPLVPEYLIHA 60  
 QY 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
 Db 61 FFCVWFLCAAEWLTGLNPLLAYHIWRYMSRPMVSGPLGYDPTTMMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFYFYLYGMIVLVSS 144

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 DT 04-DEC-2003 (first entry)  
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 KW cell death; neuropathy; neuropathy related disease;  
 KW Charcot-Marie-Tooth disorder; Refsum's disease; Krabbe's disease;  
 KW chromosome mapping; gene mapping; genetic disorder; septic shock;  
 KW antibacterial; immunosuppressive; neuroprotective.  
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 OS Homo sapiens.  
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 XX US2003083248-A1.  
 XX 01-MAY-2003.  
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(GETH ) GENENTECH INC.

Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KU;  
 Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 Stewart TA, Tumas D, Williams PM, Wood WI;

WPI; 2003-755118/71.  
 N-PSDB; ADB76543.



XX New PRO polypeptides useful for treating peripheral neuropathy,  
PT neuropathies associated with systemic disease such as post-polio syndrome  
PT or AIDS-associated syndrome.  
XX  
XX Claim 12; Fig 129; 425pp; English.  
XX  
XX The present invention relates to the isolation of novel human PRO  
CC polypeptides, and the polynucleotide sequences encoding them. The PRO  
CC polypeptides are secreted and transmembrane proteins. The PRO  
CC polypeptides are useful for detecting other PRO polypeptides, for linking  
CC bioactive molecules to cells expressing PRO polypeptides, for modulating  
CC biological activities of cells expressing PRO polypeptides, and for  
CC identifying agonists or antagonists. The bioactive molecule maybe a  
CC toxin, radiolabel or antibody, and cause cell death. The PRO polypeptides  
CC are useful for treating neuropathy and neuropathy related diseases such  
CC as Charcot-Marie-Tooth disorder, Refsum's disease, and Krabbe's disease.  
CC The polynucleotide sequences encoding PRO polypeptides are useful as  
CC hybridisation probes, in chromosome and gene mapping, in the generation

Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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RESULT 47  
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AC ADC43970;  
XX  
DT 18-DEC-2003 (first entry)  
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XX  
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX  
OS Homo sapiens.  
XX  
XX US2003054986-A1.  
XX  
XX 20-MAR-2003.  
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PR 18-FEB-2000; 2000WO-US003565.
PR 24-FEB-2000; 2000WO-US004341.
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PR 21-MAR-2000; 2000WO-US006313.
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PR 22-MAY-2000; 2000WO-US013705.
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PR 08-NOV-2000; 2000US-00709238.
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PR 20-DEC-2000; 2000US-00747259.

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PA (GETH ) GENENTECH INC.
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DB 121 CKLAFYLLAIFYLYGMIYVLVSS 144

RESULT 48
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ID ADC61730 standard; protein; 144 AA.
XX
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XX
DT 18-DEC-2003 (first entry)
XX
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XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
XX US2003049684 A1.
XX
PD 13-MAR-2003.
XX
PF 24-OCT-2001; 2001US-00017081.
XX
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PR 12-MAR-1998; 98US-0077791P.
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PR	27-MAR-1998;	98US-0079664P.	PR	26-JUN-1998;	98US-0090863P.
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PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
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Query Match 100.0%; Score 784; DB 7; Length 144;
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KW Ophthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
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OS Homo sapiens.
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FN US2003054405-A1.
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PD 20-MAR-2003.
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PF 24-OCT-2001; 2001US-00998933.
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KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
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KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
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PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
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Db 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKPNIDQCNTLNPLVPEYLIHA 60
Qy 61 FFCVMFLCAEWLTGLNMLLAYHIWYMRPVMSPGGLYDPTTNADILAYCQKEGW 120
Db 61 FFCVMFLCAEWLTGLNMLLAYHIWYMRPVMSPGGLYDPTTNADILAYCQKEGW 120
Qy 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
XX
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Db 121 CKLAFYLLAFFYYLYGMIYVLVSS 144
RESULT 52
ADC62978
ID ADC62978 standard; protein; 144 AA.
XX
XX
AC ADC62978;
XX
DT 18-DEC-2003 (first entry)
XX
DE Human secreted/transmembrane protein, PRO181.
XX
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX
OS Homo sapiens.
XX
PN US2003068648-A1.
XX
PD 10-APR-2003.
XX
PF 25-OCT-2001; 2001US-00013921.
XX
PR 17-OCT-1997; 97US-0062250P.
PR 03-NOV-1997; 97US-0064249P.
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PR 21-NOV-1997; 97US-0066364P.
PR 10-MAR-1998; 98US-0077450P.
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PR 11-MAR-1998; 98US-0077649P.
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PR 27-MAR-1998; 98US-0079663P.
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PR 30-MAR-1998; 98US-0079920P.
PR 30-MAR-1998; 98US-0079923P.
PR 31-MAR-1998; 98US-0080105P.
PR 31-MAR-1998; 98US-0080107P.
PR 31-MAR-1998; 98US-0080165P.
PR 31-MAR-1998; 98US-0080194P.
PR 01-APR-1998; 98US-0080327P.
PR 01-APR-1998; 98US-0080328P.
PR 01-APR-1998; 98US-0080333P.
PR 01-APR-1998; 98US-0080334P.
PR 08-APR-1998; 98US-0081049P.
PR 08-APR-1998; 98US-0081070P.
PR 08-APR-1998; 98US-0081071P.
PR 09-APR-1998; 98US-0081195P.
PR 09-APR-1998; 98US-0081203P.
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PR 15-APR-1998; 98US-0081952P.
PR 15-APR-1998; 98US-0081955P.
PR 21-APR-1998; 98US-0082568P.
PR 21-APR-1998; 98US-0082569P.
PR 22-APR-1998; 98US-0082700P.
PR 22-APR-1998; 98US-0082704P.
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PR 22-APR-1998; 98US-0082797P.
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PR 07-MAY-1998; 98US-0084598P.
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PR 07-MAY-1998; 98US-0084627P.
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PR 18-MAY-1998; 98US-0086023P.
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PR 22-MAY-1998; 98US-0086430P.
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PR 28-MAY-1998; 98US-0087098P.
PR 28-MAY-1998; 98US-0087106P.
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PR 26-JUN-1998; 98US-0090863P.
PR 26-JUN-1998; 98US-0091010P.
PR 01-JUL-1998; 98US-0091359P.
PR 30-JUL-1998; 98US-0094651P.
PR 11-SEP-1998; 98US-0100038P.
PR 07-OCT-1998; 98WO-US021141.
PR 20-NOV-1998; 98US-0103304P.
PR 20-NOV-1998; 98WO-US024855.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98WO-US000106.
PR 08-MAR-1999; 98WO-US005028.
PR 10-MAR-1999; 98WO-US005190.
PR 12-MAR-1999; 98US-0123957P.
PR 29-MAR-1999; 98US-0126773P.
PR 21-APR-1999; 98US-0130232P.
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PR 28-APR-1999; 98US-0131444P.
PR 14-MAY-1999; 98US-0134287P.
PR 14-MAY-1999; 98WO-US010733.
PR 02-JUN-1999; 98WO-US012252.
PR 16-JUN-1999; 98US-0139557P.
PR 30-NOV-1999; 98WO-US028313.
PR 02-DEC-1999; 98WO-US028551.
PR 02-DEC-1999; 98WO-US028565.
PR 16-DEC-1999; 98WO-US030095.
PR 30-DEC-1999; 98WO-US031274.
PR 30-DEC-1999; 98WO-US031274.
PR 05-JAN-2000; 2000WO-US000219.
PR 06-JAN-2000; 2000WO-US000277.

PR 06-JAN-2000; 2000WO-US000376.
PR 11-FEB-2000; 2000WO-US003565.
PR 18-FEB-2000; 2000WO-US004341.
PR 24-FEB-2000; 2000WO-US005004.
PR 02-MAR-2000; 2000WO-US005841.
PR 10-MAR-2000; 2000WO-US006319.
PR 21-MAR-2000; 2000WO-US007532.
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PR 17-MAY-2000; 2000WO-US013705.
PR 22-MAY-2000; 2000WO-US014042.
PR 30-MAY-2000; 2000WO-US014941.
PR 02-JUN-2000; 2000WO-US015264.
PR 28-JUL-2000; 2000WO-US020710.
PR 24-AUG-2000; 2000WO-US023328.
PR 01-DEC-2000; 2000WO-US032678.
PR 20-DEC-2000; 2000WO-US034956.
PR 28-FEB-2001; 2001WO-US006520.
PR 22-MAR-2001; 2001WO-US009552.
PR 25-MAY-2001; 2001WO-US017092.
PR 01-JUN-2001; 2001WO-US017800.
PR 20-JUN-2001; 2001WO-US019692.
PR 29-JUN-2001; 2001WO-US021066.
PR 09-JUL-2001; 2001WO-US021735.
PR 30-JUL-2001; 2001US-00918585.
XX
XX
PA (GETH ) GENENTECH INC.
XX
PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;
PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;
PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;
PI Stewart TA, Tumas D, Williams PM, Wood WI;
XX
DR WPI; 2003-695924/66.
DR N-PSDB; ADC62977.
XX
New isolated secreted and transmembrane PRO polypeptides, useful in the
preparation of a medicament for treating a condition responsive to the
polypeptide, and as therapeutic agents e.g. vaccines.
PS
Claim 12; SEQ ID NO 322; 467pp; English.
XX
The invention relates to an isolated PRO polypeptide (secreted or
transmembrane protein) having at least 80% amino acid sequence identity
to an amino acid sequence chosen from 94 fully defined sequences as given
in the specification (including PRO lacking its associated signal
peptide, a PRO extracellular domain with or without its associated signal
peptide). Also included are nucleic acids encoding the PRO proteins
mentioned above, a vector comprising a PRO nucleic acid, a host cell
comprising the vector and producing PRO, a chimeric molecule comprising
PRO fused to a heterologous amino acid sequence, and an anti-PRO
antibody. PRO337 polypeptide is useful for detecting a PRO4993
polypeptide in a sample suspected of containing PRO4993 polypeptide.
Similarly, PRO4993 polypeptide is useful for detecting PRO337
polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting
PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting
PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a
bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive
molecule is the toxin, radiolabel, or an antibody. The bioactive molecule
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFFAFHIIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
Db 1 MAFTFAFCYMLALLTAALIFFAFHIIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60
QY 61 FFCVNFCLCAAEWLTLGLNNPLLAYHWMYMRPVMGPGLYDPTTINMADILAYCQKEGW 120
Db 61 FFCVNFCLCAAEWLTLGLNNPLLAYHWMYMRPVMGPGLYDPTTINMADILAYCQKEGW 120
QY 121 CKLAFYLLAFYFYLYGMIYVLVSS 144
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Db 121 CULAFYLLAFFYLYGMYYLVSS 144  
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RESULT 53  
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ID ADC68043 standard; protein; 144 AA.  
XX AC ADC68043;  
XX DT 18-DEC-2003 (first entry)  
XX DE Human secreted/transmembrane protein, PRO181.  
XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX OS Homo sapiens.  
XX PN US2003069178-A1.  
XX PD 10-APR-2003.  
XX PF 16-OCT-2001; 2001US-00978423.  
XX PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
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PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080194P.  
PR 01-APR-1998; 98US-0080327P.  
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PR 15-APR-1998; 98US-0081838P.  
PR 15-APR-1998; 98US-0081952P.  
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PR 21-APR-1998; 98US-0082568P.  
PR 21-APR-1998; 98US-0082569P.  
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PR 22-APR-1998; 98US-0082704P.  
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PR 23-APR-1998; 98US-0082796P.  
PR 27-APR-1998; 98US-0083336P.  
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PR 30-JUL-1998; 98US-0094651P.  
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PR 07-OCT-1998; 98WO-US021141.  
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PR 23-DEC-1998; 98US-0113296P.  
PR 05-JAN-1999; 99WO-US000106.  
PR 10-MAR-1999; 99WO-US005190.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
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PR 28-JUL-1999; 99US-0145698P.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99WO-US012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 28-JUL-1999; 99US-0145698P.  
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 PR 21-MAR-2000; 2000WO-US007532.  
 PR 30-MAR-2000; 2000WO-US008439.  
 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
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 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
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 PR 25-MAY-2001; 2001WO-US017032.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ, Hillyard ME;  
 PI Kljavin LJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-657582/62.  
 DR N-PSDB; ADC68042.  
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 XX  
 PT Novel secreted and transmembrane polypeptides, designated PRO  
 PT polypeptides, and polynucleotides encoding them useful for treating  
 PT kidney diseases, bone, cartilage and retinal disorders.  
 XX  
 PS Claim 12; SEQ ID NO 322; 468pp; English.  
 XX  
 CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide, a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVCMALLTAALFFAIWHIIADELKTDYKNPIDQNTINPLVPEYLIHA 60  
 DB 1 MAFTFAAFVCMALLTAALFFAIWHIIADELKTDYKNPIDQNTINPLVPEYLIHA 60  
 QY 61 FFCVWELCAEWLTGLNPLLAYHIWYMSRPVMSGGLYDPTTNADILAYCQKEGW 120  
 DB 61 FFCVWELCAEWLTGLNPLLAYHIWYMSRPVMSGGLYDPTTNADILAYCQKEGW 120

QY 121 CKLAFFYLLAFAFYLYGMIVLVSS 144  
 DB 121 CKLAFFYLLAFAFYLYGMIVLVSS 144  
 RESULT 54  
 ADC41363  
 ID ADC41363 standard; protein; 144 AA.  
 XX  
 AC ADC41363;  
 XX  
 DT 18-DEC-2003 (first entry)  
 XX  
 DE Human secreted/transmembrane protein, PRO181.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003072745-A1.  
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 PD 17-APR-2003.  
 XX  
 XX 25-OCT-2001; 2001US-00013929.  
 PR 17-OCT-1997; 97US-0062250P.  
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 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
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 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
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 PR 26-MAR-1998; 98US-0079656P.  
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 PR 31-MAR-1998; 98US-0080107P.  
 PR 31-MAR-1998; 98US-0080165P.  
 PR 31-MAR-1998; 98US-0080194P.  
 PR 01-APR-1998; 98US-0080327P.  
 PR 01-APR-1998; 98US-0080328P.  
 PR 01-APR-1998; 98US-0080333P.  
 PR 01-APR-1998; 98US-0080334P.  
 PR 08-APR-1998; 98US-0081049P.  
 PR 08-APR-1998; 98US-0081070P.  
 PR 08-APR-1998; 98US-0081071P.  
 PR 09-APR-1998; 98US-0081195P.  
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 PR 09-APR-1998; 98US-0081229P.  
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 PR 15-APR-1998; 98US-0081955P.  
 PR 21-APR-1998; 98US-0082568P.  
 PR 21-APR-1998; 98US-0082569P.





PR 26-JUL-1999; 99US-0145698P.  
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 PR 30-NOV-1999; 99WO-US028313.  
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 PR 05-JAN-2000; 2000WO-US000219.  
 PR 06-JAN-2000; 2000WO-US000277.  
 PR 06-JAN-2000; 2000WO-US000376.  
 PR 11-FEB-2000; 2000WO-US003565.  
 PR 18-FEB-2000; 2000WO-US004341.  
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 PR 02-MAR-2000; 2000WO-US005841.  
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 PR 21-MAR-2000; 2000WO-US007532.  
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 PR 17-MAY-2000; 2000WO-US013705.  
 PR 22-MAY-2000; 2000WO-US014042.  
 PR 30-MAY-2000; 2000WO-US014941.  
 PR 02-JUN-2000; 2000WO-US015264.  
 PR 28-JUL-2000; 2000WO-US020710.  
 PR 24-AUG-2000; 2000WO-US023328.  
 PR 01-DEC-2000; 2000WO-US032678.  
 PR 20-DEC-2000; 2000WO-US034956.  
 PR 28-FEB-2001; 2001WO-US008520.  
 PR 22-MAR-2001; 2001WO-US009552.  
 PR 25-MAY-2001; 2001WO-US017092.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
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 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Fikvaroff E, Fong S, Gao W, Gerber H, Gerritsen WE;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI: 2003-743810/70.  
 DR N-PSDB; ADC67417.  
 XX  
 PT Novel isolated secreted and transmembrane PRO polypeptides, useful in the  
 PT preparation of a medicament for treating a condition responsive to the  
 PT polypeptide, and as therapeutic agents e.g. vaccines.  
 XX  
 PS Claim 12; SEQ ID NO 322; 464pp; English.  
 XX  
 CC The invention describes an isolated secreted and transmembrane PRO  
 CC polypeptide (I). PRO polypeptide such as PRO213, PRO700, PRO320 or PRO615  
 CC is useful in biotechnological and medical research, as well as in various  
 CC industrial applications. PRO polypeptide such as PRO300, PRO866, PRO703,  
 CC PRO708, PRO320, PRO351, PRO352, PRO381, PRO615, PRO618, PRO772, PRO853,  
 CC PRO860 or PRO846 is useful for therapeutic purposes. PRO363 is useful  
 CC therapeutically in vivo for lessening the effects of viral infection.  
 CC PRO200 is useful for the treatment of wound healing, tissue growth and  
 CC muscle generation and regeneration. PRO337 is useful for treating

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
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Db 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTMMNADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFAFYLYXGMIVLVSS 144  
 DB 121 CKLAFYLLAFAFYLYXGMIVLVSS 144  
 RESULT 56  
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 ID ADC62354 standard; protein; 144 AA.  
 XX AC ADC62354;  
 XX DT 18-DEC-2003 (first entry)  
 XX DE Human secreted/transmembrane protein, PRO181.  
 XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnery;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX OS Homo sapiens.  
 XX PN US2003073624-A1.  
 XX PD 17-APR-2003.  
 XX PF 15-OCT-2001; 2001US-00978193.  
 XX PR 17-OCT-1997; 97US-0062250P.  
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PR 24-FEB-2000; 2000US-0000376.  
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PR 10-MAR-2000; 2000US-0000376.  
PR 21-MAR-2000; 2000US-0000376.  
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PR 28-AUG-2000; 2000US-0000376.  
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XX  
PA (GETH ) GENENTECH INC.  
XX

Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYCMALLTAALIFFFAIWHIIAFDELKTYKNPIDOCNTINPLVPEYLIHA 60  
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Db 1 MAFTFAAFYCMALLTAALIFFFAIWHIIAFDELKTYKNPIDOCNTINPLVPEYLIHA 60  
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QY 61 FFCVNFCAAEWLTGLNMPILAYHWRVNSRPNVSGPLYDPTTINMADILAYCQKEG 120  
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Db 61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKSGW 120
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QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
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Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 57
ADC36849
ID ADC36849 standard; protein; 144 AA.
XX AC ADC36849;
XX DT 18-DEC-2003 (first entry)
XX DE Human PRO polypeptide #60.
XX KW Human; PRO: secreted polypeptide; transmembrane polypeptide; tumour;
KW cancer; lung; colon; breast; prostate; rectum; liver;
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
KW arthritis; sports injury; cytostatic; antiarthritic.
XX OS Homo sapiens.
XX PN US2003088065-A1.
XX PD 08-MAY-2003.
XX PF 14-AUG-2002; 2002US-00219464.
XX PR 01-JUN-2001; 2001WO-US017800.
XX PR 29-JUN-2001; 2001WO-US021066.
XX PR 09-APR-2002; 2002US-00119480.
XX (GETH ) GENENTECH INC.
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WI: 2003-657979/62.
XX DR N-PSDB; ADC36848.
XX PT One hundred and twenty two nucleic acids encoding PRO polypeptides,
XX useful in gene therapy, or for preparing a medicament for treating
XX cancer.
XX PS Claim 11; Fig 120; 315pp; English.
XX CC The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
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CC sequence represents a human PRO polypeptide of the invention.
XX SQ Sequence 144 AA;
    Query Match 100.0%; Score 784; DB 7; Length 144;
    Best Local Similarity 100.0%; Pred. No. 2.2e-85;
    Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPIIHA 60
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Db 1 MAFTFAAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYPIIHA 60
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QY 61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKSGW 120
    |||
Db 61 FFCVFLCAAEWLTGLNNPLLAYHWRYSRPMVSGGLYDPTTMMNADILAYCQKSGW 120
    |||
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
    |||
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 58
ADC41987
ID ADC41987 standard; protein; 144 AA.
XX AC ADC41987;
XX DT 18-DEC-2003 (first entry)
XX DE Human secreted/transmembrane protein, PRO181.
XX KW Human; secreted protein; transmembrane protein; PRO: cytostatic;
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnerary;
KW auditory; tumour growth; retinal disorder; sports-related joint problem;
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;
KW wound healing; hearing loss.
XX OS Homo sapiens.
XX PN US2003104998-A1.
XX PD 05-JUN-2003.
XX PF 16-OCT-2001; 2001US-00978643.
XX PR 17-OCT-1997; 97US-0062250P.
XX PR 03-NOV-1997; 97US-0064249P.
XX PR 13-NOV-1997; 97US-0065311P.
XX PR 21-NOV-1997; 97US-0066364P.
XX PR 10-MAR-1998; 98US-0077450P.
XX PR 11-MAR-1998; 98US-0077632P.
XX PR 11-MAR-1998; 98US-0077641P.
XX PR 11-MAR-1998; 98US-0077649P.
XX PR 12-MAR-1998; 98US-0077791P.
XX PR 13-MAR-1998; 98US-0078004P.
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PR 26-JUN-1998; 98US-00105413.  
PR 26-JUN-1998; 98US-0080863P.  
PR 26-JUN-1998; 98US-0091010P.  
PR 01-JUL-1998; 98US-0091359P.  
PR 30-JUL-1998; 98US-0094651P.  
PR 11-SEP-1998; 98US-0100038P.  
PR 07-OCT-1998; 98US-00168978.  
PR 07-OCT-1998; 98US-0021141.  
PR 02-NOV-1998; 98US-00184216.  
PR 06-NOV-1998; 98US-00187368.  
PR 20-NOV-1998; 98US-0109304P.  
PR 20-NOV-1998; 98US-0109304P.  
PR 07-DEC-1998; 98US-00202855.  
PR 22-DEC-1998; 98US-00218517.  
PR 22-DEC-1998; 98US-0113296P.  
PR 23-DEC-1998; 98US-0113621P.  
PR 05-JAN-1999; 99US-00000106.  
PR 05-MAR-1999; 99US-00254465.  
PR 08-MAR-1999; 99US-00005028.  
PR 10-MAR-1999; 99US-00265686.  
PR 10-MAR-1999; 99US-00005190.  
PR 12-MAR-1999; 99US-00267213.  
PR 12-MAR-1999; 99US-0123957P.  
PR 29-MAR-1999; 99US-0126773P.  
PR 12-APR-1999; 99US-00284291.  
PR 21-APR-1999; 99US-0130232P.  
PR 26-APR-1999; 99US-0131022P.  
PR 28-APR-1999; 99US-0131445P.  
PR 14-MAY-1999; 99US-00311832.  
PR 14-MAY-1999; 99US-0134287P.  
PR 14-MAY-1999; 99US-0134287P.  
PR 02-JUN-1999; 99US-00012252.  
PR 16-JUN-1999; 99US-0139557P.  
PR 23-JUN-1999; 99US-0141037P.  
PR 07-JUL-1999; 99US-0142680P.  
PR 26-JUL-1999; 99US-0145698P.  
PR 28-JUL-1999; 99US-0146222P.  
PR 25-AUG-1999; 99US-00380137.  
PR 25-AUG-1999; 99US-00380138.  
PR 25-AUG-1999; 99US-00380142.  
PR 29-OCT-1999; 99US-0162506P.  
PR 30-NOV-1999; 99US-00283113.  
PR 02-DEC-1999; 99US-0028551.  
PR 02-DEC-1999; 99US-0028551.  
PR 16-DEC-1999; 99US-00300095.  
PR 30-DEC-1999; 99US-0031243.  
PR 05-JAN-2000; 99US-0031274.  
PR 06-JAN-2000; 2000US-00000219.  
PR 06-JAN-2000; 2000US-0000277.  
PR 11-FEB-2000; 2000US-00003565.  
PR 18-FEB-2000; 2000US-00004341.  
PR 24-FEB-2000; 2000US-00005004.  
PR 02-MAR-2000; 2000US-00005841.  
PR 10-MAR-2000; 2000US-00006319.  
PR 21-MAR-2000; 2000US-00007532.  
PR 30-MAR-2000; 2000US-00008439.  
PR 17-MAY-2000; 2000US-00013705.  
PR 22-MAY-2000; 2000US-00014042.  
PR 02-JUN-2000; 2000US-00014941.  
PR 28-JUL-2000; 2000US-00020710.  
PR 24-AUG-2000; 2000US-00023328.  
PR 08-NOV-2000; 2000US-00079238.  
PR 27-NOV-2000; 2000US-00723749.  
PR 01-DEC-2000; 2000US-0032678.  
PR 20-DEC-2000; 2000US-00747259.  
PR 20-DEC-2000; 2000US-0034956.  
PR 28-FEB-2001; 2001US-00005520.  
PR 22-MAR-2001; 2001US-00816744.  
PR 22-MAR-2001; 2001US-00816920.  
PR 10-MAY-2001; 2001US-00854208.  
PR 10-MAY-2001; 2001US-00854280.  
PR 25-MAY-2001; 2001US-00854280.  
PR 01-JUN-2001; 2001US-00817092.  
PR 01-JUN-2001; 2001US-00872035.  
PR 05-JUN-2001; 2001US-00874503.  
PR 14-JUN-2001; 2001US-00882636.  
PR 19-JUN-2001; 2001US-00886342.  
PR 20-JUN-2001; 2001US-0019692.  
PR 29-JUN-2001; 2001US-0021066.  
PR 09-JUL-2001; 2001US-0021735.

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PR 30-JUL-2001; 2001US-00918585.
XX (GETH ) GENENTECH INC.
XX
XX Query Match 100.0%; Score 784; DB 7; Length 144;
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKGM 120
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKGM 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 59
ADC21839
ID ADC21839 standard; protein; 144 AA.
XX AC ADC21839;
XX
XX 18-DEC-2003 (first entry)
XX
XX Human PRO polypeptide #60.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
XX cancer; lung; colon; breast; prostate; rectum; liver;
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
XX arthritis; sports injury; cytostatic; antiarthritic.
XX
XX Homo sapiens.
XX
XX US2003096969-A1.
XX
XX 22-MAY-2003.
XX
XX 29-AUG-2002; 2002US-00232225.
XX
XX 02-JUN-2000; 2000WO-US015264.
XX
XX 05-JUN-2000; 2000US-0209832P.
XX
XX 20-JUN-2000; 2000US-0212901P.
XX
XX 22-JUN-2000; 2000US-0213807P.
XX
XX 20-JUL-2000; 2000US-0219556P.
XX
XX 25-JUL-2000; 2000US-0220585P.
XX
XX 25-JUL-2000; 2000US-0220605P.
XX
XX 25-JUL-2000; 2000US-0220607P.
XX
XX 25-JUL-2000; 2000US-0220624P.
XX
XX 25-JUL-2000; 2000US-0220638P.
XX
XX 25-JUL-2000; 2000US-0220664P.
XX
XX 25-JUL-2000; 2000US-0220666P.
XX
XX 26-JUL-2000; 2000US-0220893P.
XX
XX 01-AUG-2000; 2000US-0222425P.
XX
XX 22-AUG-2000; 2000US-0227133P.
XX
XX 23-AUG-2000; 2000WO-US023522.
XX
XX 24-AUG-2000; 2000WO-US023328.
XX
XX 10-NOV-2000; 2000WO-US030873.
XX
XX 28-NOV-2000; 2000US-0253646P.
XX
XX 01-DEC-2000; 2000WO-US032678.
XX
XX 20-DEC-2000; 2000US-00747259.
XX
XX 28-DEC-2000; 2000WO-US034956.
XX
XX 28-FEB-2001; 2001WO-US006520.
XX
XX 25-MAY-2001; 2001WO-US017092.
XX
XX 01-JUN-2001; 2001WO-US017800.
XX
XX 29-JUN-2001; 2001WO-US021066.
XX
XX 09-APR-2002; 2002US-00119480.

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XX (GETH ) GENENTECH INC.
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WPI; 2003-765526/72.
XX N-PSDB; ADC21838.
XX
XX Novel isolated PRO polypeptide useful for tissue typing, as molecular
XX weight markers in protein electrophoresis, for treating arthritis, tumor.
XX Claim 11; Fig 120; 308pp; English.
XX
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
XX sequence represents a human PRO polypeptide of the invention.
XX
XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60
Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTPNPLVLYLHA 60

QY 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKGM 120
Db 61 FFCVWFLCAAEWLTGLNMPILAYHIWRYMSRPVMSGGLYDPTTMMNADILAYCQKGM 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 60
ADC49870
ID ADC49870 standard; protein; 144 AA.
XX AC ADC49870;
XX
XX 18-DEC-2003 (first entry)
XX
XX Novel human secreted and transmembrane protein PRO181.
XX
XX human; secreted and transmembrane protein; PRO; cytostatic; vulnery;
XX antiarthritic; pericyte cell proliferation;
XX pericyte cell differentiation; chondrocyte cell proliferation;
XX chondrocyte cell differentiation; tumour necrosis factor alpha release;
XX (TNF)-alpha release; dermal fibroblast cell proliferation.

```

KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.

XX US2003088064-A1.

XX 08-MAY-2003.

XX 14-AUG-2002; 2002US-00219075.

XX 25-JUL-2000; 2000US-0220605P.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2003-801154/75.

XX N-PSDB; ADC49869.

XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.

XX Claim 11; SEQ ID NO 120; 314pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are  
 CC useful for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO1126, PRO1181, PRO1192, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1887, PRO1328, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match

Best Local Similarity 100.0%; Score 784; DB 7; Length 144;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNDQCNTPNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNDQCNTPNPLVPEYLIHA 60  
 QY 61 FFCVWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTTINADILAYCOKEGW 120  
 DB 61 FFCVWFLCAAEWLTGLNMPILAYHWRVMSRPVMSGPGLYDPTTINADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYLVSS 144

RESULT 61

ADC49069

ID ADC49069 standard; protein; 144 AA.

XX ADC49069;

DT 18-DEC-2003 (first entry)

XX Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

XX Homo sapiens.

XX US2003088070-A1.

XX 08-MAY-2003.

XX 28-AUG-2002; 2002US-00230260.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2003-801155/75.

XX N-PSDB; ADC49068.

XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.

XX Claim 11; SEQ ID NO 120; 315pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO1126, PRO1181, PRO1192, PRO1274, PRO1412,  
 CC PRO1028, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1517, PRO1760, PRO1567,

CC	PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells.	XX	(GETH ) GENENTECH INC.
CC	PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and CC transmembrane PRO polypeptide.	XX	New PRO polypeptides and nucleic acids encoding the polypeptides, useful in gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.
XX	SEQ ID NO 120; 315pp; English.	PS	Claim 11; SEQ ID NO 120; 315pp; English.
CC	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO311, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and CC transmembrane PRO polypeptide.	CC	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO311, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells.
XX	Sequence 144 AA;	SQ	Sequence 144 AA;
CC	Query Match 100.0%; Score 784; DB 7; Length 144;	CC	Query Match 100.0%; Score 784; DB 7; Length 144;
CC	Best Local Similarity 100.0%; Pred. No. 2.2e-85;	CC	Best Local Similarity 100.0%; Pred. No. 2.2e-85;
CC	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;	CC	Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
Qy	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	Qy	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60
Db	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60	Db	1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVPEYLIHA 60
Qy	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120	Qy	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120
Db	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120	Db	61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120
Qy	121 CKLAFYLLAFYYLYGMIYLVSS 144	Qy	121 CKLAFYLLAFYYLYGMIYLVSS 144
Db	121 CKLAFYLLAFYYLYGMIYLVSS 144	Db	121 CKLAFYLLAFYYLYGMIYLVSS 144
RESULT 62		RESULT 63	
ID	ADC49586	ADC47447	
ID	ADC49586 standard; protein; 144 AA.	ID	ADC47447 standard; protein; 144 AA.
AC	ADC49586;		
XX	18-DEC-2003 (first entry)		
XX	Novel human secreted and transmembrane protein PRO181.		
XX	human; secreted and transmembrane protein; PRO; cytostatic; vulnary;		
KW	antiarthritic; pericyte cell proliferation;		
KW	pericyte cell differentiation; chondrocyte cell proliferation;		
KW	chondrocyte cell differentiation; tumour necrosis factor alpha release;		
KW	(TNF)-alpha release; dermal fibroblast cell proliferation;		
KW	dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;		
KW	colon tumour; breast tumour; prostate tumour; rectal tumour;		
KW	liver tumour; tissue typing; chromosome mapping; gene mapping;		
KW	gene therapy.		
XX	Homo sapiens.		
OS	US2003088071-A1.		
PN	08-MAY-2003.		
PD	29-AUG-2002; 2002US-00232231.		
PF	01-JUN-2001; 2001WO-US017800.		
XX	29-JUN-2001; 2001WO-US021066.		
PR	09-APR-2002; 2002US-00119480.		

XX AC ADC47447;  
 XX DT 18-DEC-2003 (first entry)  
 XX DE Novel human secreted and transmembrane protein PRO181.  
 XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX OS Homo sapiens.  
 XX XN US2003088072-A1.  
 XX XN 08-MAY-2003.  
 XX PF 29-AUG-2002; 2002US-00232233.  
 XX XN 25-JUL-2000; 2000US-0220605P.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX XN (GETH) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX N-PSDB; ADC47446.  
 XX DR WPI; 2003-801157/75.  
 XX XN N-PSDB; ADC47446.  
 XX PT New PRO polypeptide for use as molecular weight markers for protein  
 PT electrophoresis purposes and for detecting the presence of tumor in a  
 PT mammal.  
 XX PS Claim 11; Fig 120; 314pp; English.  
 XX CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO382, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO382, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080.  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO1006 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO3723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is

CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX SQ Sequence 144 AA;  
 XX Query Match 100.0%; Score 784; DB 7; Length 144;  
 XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 XX QY 1 MAFTFAFCVYMLALLTAALIFFAFHIIADELKTDYKNPIDOCNTLNPLVPEYLHA 60  
 XX DB 1 MAFTFAFCVYMLALLTAALIFFAFHIIADELKTDYKNPIDOCNTLNPLVPEYLHA 60  
 XX QY 61 FFCVWFLLCAAEWLTGLNMPLLAYHWMYMRPVMGSLYDPTTINMADILAYCQKEGW 120  
 XX DB 61 FFCVWFLLCAAEWLTGLNMPLLAYHWMYMRPVMGSLYDPTTINMADILAYCQKEGW 120  
 XX QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 XX DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 XX RESULT 64  
 XX ADC47192  
 XX ID ADC47192 standard; protein; 144 AA.  
 XX AC ADC47192;  
 XX DT 18-DEC-2003 (first entry)  
 XX XN Novel human secreted and transmembrane protein PRO181.  
 XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX OS Homo sapiens.  
 XX XN US2003105288-A1.  
 XX PD 05-JUN-2003.  
 XX PF 13-AUG-2002; 2002US-00219070.  
 XX XN 25-JUL-2000; 2000US-02206066P.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 XX PR 29-JUN-2001; 2001WO-US021066.  
 XX PR 09-APR-2002; 2002US-00119480.  
 XX XN (GETH) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX N-PSDB; ADC47191.  
 XX DR WPI; 2003-801246/75.  
 XX XN N-PSDB; ADC47191.  
 XX PT New isolated nucleic acid encoding a secreted and transmembrane  
 PT polypeptide (PRO), for use in recombinantly producing a PRO polypeptide,  
 PT as a hybridization probe, and in gene therapy.  
 XX PS Claim 11; Fig 120; 308pp; English.

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblast cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (II) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIA 60  
 QY 61 FFCVFLCAEWLTGLNMLPILAYHIWYMSRPVMSGPLYDPTTMNADILAYCOKEGW 120  
 DB 61 FFCVFLCAEWLTGLNMLPILAYHIWYMSRPVMSGPLYDPTTMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFYYLYGMIVLVSS 144

RESULT 65

ADC78067

ID ADC78067 standard; protein; 144 AA.

XX ADC78067;

XX 01-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO181.

XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritis; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

KW gene therapy.  
 XX Homo sapiens.  
 XX US2003096972-A1.  
 XX 22-MAY-2003.  
 XX 29-AUG-2002; 2002US-00232234.  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX 29-JUN-2001; 2001WO-US021066.  
 XX 09-APR-2002; 2002US-00119480.  
 XX (GETH ) GENENTECH INC.  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 DR WPI: 2003-765529/72.  
 DR N-PSDB; ADC78066.  
 XX Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as  
 PT molecular weight markers, for treating arthritis and tumor.  
 XX Claim 11; Fig 120; 308pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblast cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (II) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIA 60  
 DB 1 MAFTFAFCVMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIA 60

QY 61 FFCVMFLCAEAWLTGLNMPLLAYHWMYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAEAWLTGLNMPLLAYHWMYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFAFYLYGMIYVLVSS 144

RESULT 66  
 ADD06302  
 ID ADD06302 standard; protein; 144 AA.  
 XX  
 AC ADD06302;  
 XX  
 DT 01-JAN-2004 (first entry)  
 DE  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytotstatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW (TNF)-alpha cell differentiation; tumour necrosis factor alpha release;  
 KW dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003073916-A1.  
 XX  
 PD 17-APR-2003.  
 XX  
 XX 26-AUG-2002; 2002US-00227873.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021086.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 XX WPI; 2003-644807/61.  
 DR N-PSDB; ADD06301.  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX  
 PS Claim 11; SEQ ID NO 120; 314pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO1341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO725, PRO7154, or PRO7425 polypeptide are useful for

CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFVCMALALLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 DB 1 MAFTFAAFVCMALALLTAALIFFAFHIIAFDELKTDYKNPIDQNTLNPLVPEYLHA 60  
 QY 61 FFCVMFLCAEAWLTGLNMPLLAYHWMYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 DB 61 FFCVMFLCAEAWLTGLNMPLLAYHWMYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFAFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFAFYLYGMIYVLVSS 144

RESULT 67  
 ADD10291  
 ID ADD10291 standard; protein; 144 AA.  
 XX  
 AC ADD10291;  
 XX  
 DT 01-JAN-2004 (first entry)  
 XX  
 DE Human secreted/transmembrane PRO polypeptide #1.  
 XX  
 KW human; secreted protein; transmembrane protein; cardiovascular disorder;  
 KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003105011-A1.  
 XX  
 PD 05-JUN-2003.  
 XX  
 PF 16-AUG-2002; 2002US-00223084.  
 XX  
 PR 15-SEP-2000; 2000US-0232887P.  
 PR 20-JUN-2001; 2001WO-US019692.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 20-FEB-2002; 2002US-00081056.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Feriara N, Gerber H, Gerritsen ME, Goddard A;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX WPI; 2003-810831/76.  
 DR



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DR N-PSDB; ADD10290.
XX
XX New isolated nucleic acid encoding a secreted and transmembrane
PT polypeptide for treating a cardiovascular, endothelial, or angiogenic
PT disorder in a mammal, such as cancer or age-related macular degeneration.
XX
XX Claim 11; SEQ ID NO 2; 493pp; English.
XX
XX The invention relates to an isolated nucleic acid encoding a secreted and
CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded
CC by the nucleic acid, or an agonist or antagonist, is used to treat a
CC cardiovascular, endothelial, or angiogenic disorder in a mammal.
CC preferably a human. The human may have suffered a myocardial infarction
CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular
CC degeneration. The cardiac hypertrophy is characterised by the presence of
CC an elevated level of PGP-2 alpha. A PRO polypeptide, given in the
CC specification, or an agonist is used to inhibit or stimulate endothelial
CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac
CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.
CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO
CC polypeptide, given in the specification, or an agonist is used to
CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial
CC cell tube formation. The present sequence represents the amino acid
CC sequence of a PRO polypeptide of the invention.
XX
XX Sequence 144 AA;
SQ
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATTEAFCVYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MATTEAFCVYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 68
ADCT77821
ID ABC77821 standard; protein; 144 AA.
XX
XX AC ADCT77821;
XX
XX DT 01-JAN-2004 (first entry)
XX
XX DE Novel human secreted and transmembrane protein PRO181.
XX
XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;
XX antiarthritic; pericyte cell proliferation;
XX KW pericyte cell differentiation; chondrocyte cell proliferation;
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;
XX (TNF)-alpha release; dermal fibroblast cell proliferation;
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;
XX KW gene therapy.
XX
XX OS Homo sapiens.
XX
XX FN US2003088066-A1.
XX
XX PD 08-MAY-2003.
XX
XX PF 13-AUG-2002; 2002US-00219466.
XX
XX PR 01-JUN-2001; 2001WO-US017800.

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PR 29-JUN-2001; 2001WO-US021066.
PR 09-APR-2002; 2002US-00119480.
XX
XX (GETH ) GENENTECH INC.
XX
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski RJ,
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX
XX WPI; 2003-657980/62.
DR N-PSDB; ADC77820.
XX
XX One hundred and twenty two nucleic acids encoding PRO polypeptides,
PT useful in gene therapy, or for preparing a medicament for treating a
PT condition that is responsive to the PRO polypeptide or anti-PRO antibody,
PT e.g. cancer.
XX
XX Claim 11; Fig 120; 314pp; English.
XX
XX The invention describes an isolated PRO (secreted and transmembrane)
CC polypeptide (I). PRO382, PRO1160, PRO1187 or PRO1329 polypeptide are
CC useful for stimulating the proliferation of or gene expression in
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful
CC for stimulating the proliferation or differentiation of chondrocyte
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide
CC are useful for stimulating the release of tumour necrosis factor (TNF)-
CC alpha from human blood. PRO382, PRO357, PRO725, PRO1306, PRO1419, PRO214,
CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for
CC stimulating the proliferation of normal human dermal fibroblasts cells.
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,
CC are useful for detecting the presence of tumour in a mammal which
CC involves comparing the level of expression of the above PRO polypeptides
CC in a test sample of cells taken from the mammal, and a control sample of
CC normal cells of the same cell type, where a higher level of expression of
CC the PRO polypeptides in the test sample as compared to the control sample
CC is indicative of the presence of tumour in the mammal. The tumour is lung
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or
CC liver tumour. (I) is useful as molecular weight markers, for tissue
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is
CC useful for chromosome and gene mapping or gene therapy. (II) is useful
CC for generating transgenic animals or knock-out animals which are useful
CC screening useful reagents, PRO357, PRO229, PRO1272 or PRO4405 polypeptide
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,
CC sport injuries). This is the amino acid sequence of a human secreted and
CC transmembrane PRO polypeptide.
XX
XX Sequence 144 AA;
SQ
Query Match 100.0%; Score 784; DB 7; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MATTEAFCVYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
DB 1 MATTEAFCVYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCOKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCOKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

```





CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-95;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 Qy 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60  
 Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120  
 Qy 121 CKLAFYLLAFFYLYGYMYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGYMYVLVSS 144

RESULT 71

ADDS1030  
 ID ADD51030 standard; protein; 144 AA.

XX AC ADD51030;

XX DT 15-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene therapy;

XX OS Homo sapiens.

XX PN US2003105290-A1.

PD 05-JUN-2003.

XX PF 13-AUG-2002; 2002US-00219527.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski RJ;

XX PL Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;

XX WPI; 2003-829360/77.

DR N-PSDB; ADD51029.

XX New isolated nucleic acid encoding a secreted and transmembrane  
 PT polypeptide (PRO), for use in recombinantly producing a PRO polypeptide,  
 PT as a hybridization probe, and in gene therapy.

XX Claim 11; Fig 120; 309pp; English.

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080.

CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.

CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO1514, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which

CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60

Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLEYLIIHA 60

Qy 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHWYMSRPMVSGPLGYDPTTMNADILAYCQKEGW 120

Qy 121 CKLAFYLLAFFYLYGYMYVLVSS 144

Db 121 CKLAFYLLAFFYLYGYMYVLVSS 144

RESULT 72

ADDS7044

ID ADD37044 standard; protein; 144 AA.

XX AC ADD37044;

XX DT 15-JAN-2004 (first entry)

XX DE Human secreted/transmembrane PRO polypeptide #1.

XX KW human; secreted protein; transmembrane protein; cardiovascular disorder;

KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.

OS Homo sapiens.

XX US2003105012-A1.

XX 05-JUN-2003.

PD 16-AUG-2002; 2002US-00223088.

PF 15-SEP-2000; 2000US-0232887P.

XX 20-JUN-2001; 2001WO-US019692.

PR 09-JUL-2001; 2001WO-US021735.

PR 20-FEB-2002; 2002US-00081056.

XX (GETH ) GENENTECH INC.

XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;

DR WPI; 2003-829354/77.

DR N-PSDB; ADD37043.

XX New isolated nucleic acids encoding a secreted and transmembrane  
 PT polypeptide for treating a cardiovascular, endothelial, or angiogenic  
 PT disorder in a mammal, such as cancer or age-related macular degeneration.

PS Claim 11; SEQ ID NO 2; 492pp; English.

XX The invention relates to an isolated nucleic acid encoding a secreted and  
 CC transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
 CC by the nucleic acid, or an agonist or antagonist, is used to treat a  
 CC cardiovascular, endothelial, or angiogenic disorder in a mammal,  
 CC preferably a human. The human may have suffered a myocardial infarction  
 CC or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
 CC degeneration. The cardiac hypertrophy is characterized by the presence of  
 CC an elevated level of pG2-2 alpha. A PRO polypeptide, given in the  
 CC specification, or an agonist is used to inhibit or stimulate endothelial  
 CC cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
 CC hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.  
 CC PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO  
 CC polypeptide, given in the specification, or an agonist is used to  
 CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
 CC cell tube formation. The present sequence represents the amino acid  
 CC sequence of a PRO polypeptide of the invention.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

Db 1 MAFTFAACCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120

Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYYLYGMIVLVSS 144

Db 121 CKLAFYLLAFFYYLYGMIVLVSS 144

RESULT 73

ADD50511

ID ADD50511 standard; protein; 144 AA.

XX

AC ADD50511;

DT 15-JAN-2004 (first entry)

XX Human PRO polypeptide #60.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.

OS Homo sapiens.

XX US2003096971-A1.

XX 22-MAY-2003.

PF 29-AUG-2002; 2002US-00232229.

XX 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

DR WPI; 2003-765528/72.

DR N-PSDB; ADD50510.

XX Novel isolated PRO polypeptide useful for tissue typing, as molecular  
 PT weight markers in protein electrophoresis, for treating arthritis, tumor.  
 PT Claim 11; Fig 120; 308pp; English.

XX The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

Db 1 MAFTFAACCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60

QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120

Db 121 CKLAFYLLAFAFFYLYGMIYLVSS 144  
121 CKLAFYLLAFAFFYLYGMIYLVSS 144  
121 CKLAFYLLAFAFFYLYGMIYLVSS 144

## RESULT 74

ADD50265  
ID ADD50265 standard; protein; 144 AA.

XX AC ADD50265;

XX DT 15-JAN-2004 (first entry)

XX DE Human PRO polypeptide #60.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
XX KW cancer; lung; colon; breast; prostate; rectum; liver;  
XX KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
XX KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
XX KW arthritis; sports injury; cytostatic; antiarthritic.

XX OS Homo sapiens.

XX PN US2003096970-A1.

XX PD 22-MAY-2003.

XX PF 29-AUG-2002; 2002US-00232227.

XX PR 26-JUL-2000; 2000US-0220893P.

XX PR 01-JUN-2001; 2001WO-US017800.

XX PR 29-JUN-2001; 2001WO-US021066.

XX PR 09-APR-2002; 2002US-00119480.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX DR WPI; 2003-765527/72.

XX DR N-PSDB; ADD50264.

XX PT Novel isolated PRO polypeptides useful as molecular weight markers in

XX PT protein electrophoresis, and useful for tissue typing, for treating

XX PT arthritis, tumor.

XX PS Claim 11; Fig 120; 308pp; English.

XX CC The invention relates to human PRO polypeptides (secreted and  
XX CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX CC diagnostics, biosensors or bioreactors. They are particularly useful for  
XX CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
XX CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
XX CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX CC blood, for stimulating the proliferation or differentiation of  
XX CC chondrocyte cells, for stimulating the proliferation of or gene  
XX CC expression in pericyte cells or for stimulating the proliferation of  
XX CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX CC hybridisation probes, in chromosome and gene mapping, in generating  
XX CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX CC technology, in generating transgenic animals or knock-out animals which  
XX CC may be used in the development and screening of therapeutically useful  
XX CC reagents, in gene therapy, in chromosome identification, as chromosome  
XX CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX CC antibodies, are useful for preparing a medicament for treating a  
XX CC condition which is responsive to the PRO polypeptides or anti-PRO  
XX CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
XX CC differentiation of chondrocytes. The PRO polypeptides are useful as

CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALITLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVLPYLHA 60

Db 1 MAFTFAFCYMLALITLTAALIFFAIWHIIAFDELKTDYKNPDCQNTLNPLVLPYLHA 60

QY 61 FFCVMFLCAAEWLTGLNPLLAYHWMYRSPVMSGPLYDPTIMNADILAYCQKEGW 120

Db 61 FFCVMFLCAAEWLTGLNPLLAYHWMYRSPVMSGPLYDPTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFAFFYLYGMIYLVSS 144

Db 121 CKLAFYLLAFAFFYLYGMIYLVSS 144

## RESULT 75

ADD51276

XX ID ADD51276 standard; protein; 144 AA.

XX AC ADD51276;

XX DT 15-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
XX KW antiarthritic; pericyte cell proliferation;  
XX KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
XX KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
XX KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;  
XX KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
XX KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
XX KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
XX KW gene therapy.

XX OS Homo sapiens.

XX PN US2003105289-A1.

XX PD 05-JUN-2003.

XX PF 13-AUG-2002; 2002US-00219472.

XX PR 01-JUN-2001; 2001WO-US017800.

XX PR 29-JUN-2001; 2001WO-US021066.

XX PR 09-APR-2002; 2002US-00119480.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX DR WPI; 2003-829359/77.

XX DR N-PSDB; ADD51275.

XX PT New isolated nucleic acids and their encoded secreted and transmembrane

XX PT polypeptides (PRO); useful e.g. for stimulating cell proliferation or

XX PT differentiation and for diagnosis of cancer.

XX PS Claim 11; Fig 120; 308pp; English.

XX CC The invention describes an isolated PRO (secreted and transmembrane)

XX CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are

XX CC useful for stimulating the proliferation of or gene expression in

XX CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful

XX CC for stimulating the proliferation or differentiation of chondrocyte

cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. PRO181, PRO229, PRO789, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and transmembrane PRO polypeptide.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPDQCNLNPVLPEYLHA 60  
 Db | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 QY 61 FFCVMFLCAEWLTGLNPLLAYHWRVMSRPVMSGPLYDPTTMADILAYCQKEGW 120  
 Db | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

RESULT 76

ADE49356

ID ADE49356 standard; protein; 144 AA.

XX AC ADE49356;

XX DT 29-JAN-2004 (first entry)

XX DE Human secreted/transmembrane protein, PRO181.

XX KW Human; secreted protein; transmembrane protein; PRO; cytostatic;

XX KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnarary;

XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;

XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;

XX KW wound healing; hearing loss.

XX OS Homo sapiens.

XX PN US2003096744-A1.

XX XX 22-MAY-2003.

XX XX 28-JAN-2002; 2002US-00978187.

XX XX

XX XX

XX XX

XX XX

XX XX

XX XX

XX XX

XX XX

XX 17-OCT-1997; 97US-0062250P.  
 PR 03-NOV-1997; 97US-0064249P.  
 PR 13-NOV-1997; 97US-0065311P.  
 PR 21-NOV-1997; 97US-0066364P.  
 PR 10-MAR-1998; 98US-0077450P.  
 PR 11-MAR-1998; 98US-0077632P.  
 PR 11-MAR-1998; 98US-0077641P.  
 PR 11-MAR-1998; 98US-0077649P.  
 PR 12-MAR-1998; 98US-0077791P.  
 PR 13-MAR-1998; 98US-0078004P.  
 PR 17-MAR-1998; 98US-00804220.  
 PR 20-MAR-1998; 98US-0078886P.  
 PR 20-MAR-1998; 98US-0078910P.  
 PR 20-MAR-1998; 98US-0078936P.  
 PR 25-MAR-1998; 98US-0079294P.  
 PR 26-MAR-1998; 98US-0079656P.  
 PR 27-MAR-1998; 98US-0079663P.  
 PR 27-MAR-1998; 98US-0079664P.  
 PR 27-MAR-1998; 98US-0079689P.  
 PR 27-MAR-1998; 98US-0079728P.  
 PR 27-MAR-1998; 98US-0079786P.  
 PR 30-MAR-1998; 98US-0079920P.  
 PR 30-MAR-1998; 98US-0079923P.  
 PR 31-MAR-1998; 98US-0080105P.  
 PR 31-MAR-1998; 98US-0080165P.  
 PR 31-MAR-1998; 98US-0080194P.  
 PR 01-APR-1998; 98US-0080327P.  
 PR 01-APR-1998; 98US-0080328P.  
 PR 01-APR-1998; 98US-0080333P.  
 PR 01-APR-1998; 98US-0080334P.  
 PR 08-APR-1998; 98US-0081049P.  
 PR 08-APR-1998; 98US-0081070P.  
 PR 08-APR-1998; 98US-0081071P.  
 PR 09-APR-1998; 98US-0081195P.  
 PR 09-APR-1998; 98US-0081203P.  
 PR 15-APR-1998; 98US-0081223P.  
 PR 15-APR-1998; 98US-0081817P.  
 PR 15-APR-1998; 98US-0081819P.  
 PR 15-APR-1998; 98US-0081838P.  
 PR 15-APR-1998; 98US-0081952P.  
 PR 15-APR-1998; 98US-0081955P.  
 PR 21-APR-1998; 98US-0082568P.  
 PR 21-APR-1998; 98US-0082569P.  
 PR 22-APR-1998; 98US-0082700P.  
 PR 22-APR-1998; 98US-0082704P.  
 PR 22-APR-1998; 98US-0082797P.  
 PR 22-APR-1998; 98US-0082804P.  
 PR 23-APR-1998; 98US-0082796P.  
 PR 27-APR-1998; 98US-0083336P.  
 PR 28-APR-1998; 98US-0083322P.  
 PR 29-APR-1998; 98US-0083392P.  
 PR 29-APR-1998; 98US-0083495P.  
 PR 29-APR-1998; 98US-0083496P.  
 PR 29-APR-1998; 98US-0083499P.  
 PR 29-APR-1998; 98US-0083500P.  
 PR 29-APR-1998; 98US-0083545P.  
 PR 29-APR-1998; 98US-0083554P.  
 PR 29-APR-1998; 98US-0083558P.  
 PR 30-APR-1998; 98US-0083559P.  
 PR 30-APR-1998; 98US-0083742P.  
 PR 05-MAY-1998; 98US-0084366P.  
 PR 06-MAY-1998; 98US-0084414P.  
 PR 06-MAY-1998; 98US-0084441P.  
 PR 07-MAY-1998; 98US-0084598P.  
 PR 07-MAY-1998; 98US-0084600P.  
 PR 07-MAY-1998; 98US-0084627P.  
 PR 07-MAY-1998; 98US-0084637P.  
 PR 07-MAY-1998; 98US-0084639P.  
 PR 07-MAY-1998; 98US-0084640P.  
 PR 07-MAY-1998; 98US-0084643P.  
 PR 13-MAY-1998; 98US-0085323P.



PF 18-OCT-2001; 2001US-00145088.  
 XX  
 PR 15-MAY-1998; 98US-0085689P.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 28-APR-1999; 99US-0131445P.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-875641/81.  
 DR N-PSDB; ADE35409.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
 PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 PT hypoinsulinemia or wounds.  
 XX  
 PS Claim 12; SEQ ID NO 322; 462pp; English.  
 XX  
 CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide), a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid), a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 1 MAFTFAAFYMLALLITAAIIFFAIWHIIFAFDELKTDYKNPDQNTLNPLVLPYLIHA 60  
 1 MAFTFAAFYMLALLITAAIIFFAIWHIIFAFDELKTDYKNPDQNTLNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPILAYHWYMSRPMWSPGGLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPILAYHWYMSRPMWSPGGLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYLYGMIYLVSS 144  
 DB 121 CKLAFYLLAFYLYGMIYLVSS 144  
 RESULT 78  
 ADE16524  
 ID ADE16524 standard; protein; 144 AA.  
 XX  
 AC ADE16524;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human secreted/transmembrane protein, PRO181.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003203435-A1.  
 XX  
 PD 30-OCT-2003.  
 XX  
 PF 18-OCT-2001; 2001US-00145092.  
 XX  
 PR 30-APR-1998; 98US-0083742P.  
 PR 08-MAR-1999; 99WO-US005028.  
 PR 23-JUN-1999; 99US-0141037P.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.  
 PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Kljavin IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX  
 DR WPI; 2003-875642/81.  
 DR N-PSDB; ADE16523.  
 XX  
 PT New genes, and its encoded secreted and transmembrane polypeptides,  
 PT useful for treating e.g. lung or breast tumors, osteoarthritis,  
 PT rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 PT hypoinsulinemia or wounds.  
 XX  
 PS Claim 12; SEQ ID NO 322; 452pp; English.  
 XX  
 CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide), a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid), a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 CC Similarly, PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting



CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 DB 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 79  
 ID ADD73139 standard; protein; 144 AA.  
 AC ADD73139;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human secreted/transmembrane protein, PRO181.  
 XX  
 KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
 KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 KW wound healing; hearing loss.  
 XX

OS Homo sapiens.  
 XX  
 XX US2003203436-A1.  
 XX  
 PD 30-OCT-2003.  
 XX  
 XX 18-OCT-2001; 2001US-00145129.  
 PF  
 PR 22-MAY-1998; 98US-0086414P.  
 PR 22-DEC-1998; 98US-0113296P.  
 PR 05-JAN-1999; 99WO-US0000106.  
 PR 08-MAR-1999; 99WO-US0005028.  
 PR 12-APR-1999; 99US-00284291.  
 PR 25-AUG-1999; 99US-00380138.  
 PR 18-FEB-2000; 2000WO-US004341.

PR 30-JUL-2001; 2001US-00918585.  
 XX  
 PA (GETH) GENENTECH INC.  
 XX

PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 PI Goddard A, Godowski RJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 PI Klijavin IJ, Kuo SS, Rapier MA, Pan J, Faoni NF, Roy MA, Shelton DL;  
 PI Stewart TA, Tumas D, Williams PM, Wood WI;  
 XX

WPI; 2003-875643/81.  
 DR N-PSDB; ADD73138.

XX New PRO genes and encoded secreted and transmembrane polypeptides, useful  
 PT for treating e.g. lung or breast tumors, osteoarthritis, rheumatoid  
 PT arthritis, obesity, diabetes, hyperinsulinemia, hypoinsulinemia or  
 PT wounds.

XX Claim 12; SEQ ID NO 322; 453pp; English.

CC The invention relates to an isolated PRO polypeptide (secreted or  
 CC transmembrane protein) having at least 80% amino acid sequence identity  
 CC to an amino acid sequence chosen from 94 fully defined sequences as given  
 CC in the specification (including PRO lacking its associated signal  
 CC peptide, a PRO extracellular domain with or without its associated signal  
 CC peptide). Also included are nucleic acids encoding the PRO proteins  
 CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 CC comprising the vector and producing PRO, a chimeric molecule comprising  
 CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 CC polypeptide in a sample suspected of containing a PRO4993 polypeptide.  
 CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
 CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
 CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 CC causes death of the cell. PRO337 polypeptide is useful for linking a  
 CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 CC useful for linking a bioactive molecule to a cell expressing PRO725,  
 CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 CC polypeptide is useful for modulating at least one biological activity of  
 CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 CC modulating the biological activity of the cell expressing PRO1559  
 CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 CC PRO739 polypeptide is useful for modulating the biological activity of  
 CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 CC sports-related joint problems, articular cartilage defects,  
 CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 CC mammals. The present sequence represents a PRO protein.  
 XX

SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 DB 1 MAFTFAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHWRVMSRPVMSGPLGYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144



Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
RESULT 80  
ADD72497  
ID ADD72497 standard; protein; 144 AA.  
XX AC  
XX ADD72497;  
AC  
XX 29-JAN-2004 (first entry)  
DT  
XX Human secreted/transmembrane protein, PRO181.  
DE  
XX Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX  
OS Homo sapiens.  
XX  
XX US2003194781-A1.  
XX  
XX 16-OCT-2003.  
XX  
XX 19-OCT-2001; 2001US-00164929.  
XX  
XX 30-MAR-1998; 98US-0079920P.  
PR 07-OCT-1998; 98WO-US021141.  
PR 20-NOV-1998; 98WO-US024855.  
PR 05-JAN-1999; 99WO-US000106.  
PR 08-MAR-1999; 99WO-US005028.  
PR 10-MAR-1999; 99WO-US005190.  
PR 15-APR-1999; 99WO-US008313.  
PR 14-MAY-1999; 99WO-US010733.  
PR 02-JUN-1999; 99US-00312252.  
PR 25-AUG-1999; 99US-00380138.  
PR 30-NOV-1999; 99WO-US028313.  
PR 02-DEC-1999; 99WO-US028551.  
PR 02-DEC-1999; 99WO-US028565.  
PR 16-DEC-1999; 99WO-US030095.  
PR 30-DEC-1999; 99WO-US031243.  
PR 30-DEC-1999; 99WO-US031274.  
PR 05-JAN-2000; 2000WO-US000219.  
PR 06-JAN-2000; 2000WO-US000277.  
PR 06-JAN-2000; 2000WO-US000376.  
PR 11-FEB-2000; 2000WO-US003565.  
PR 18-FEB-2000; 2000WO-US004341.  
PR 24-FEB-2000; 2000WO-US005004.  
PR 02-MAR-2000; 2000WO-US005841.  
PR 10-MAR-2000; 2000WO-US006319.  
PR 21-MAR-2000; 2000WO-US007532.  
PR 30-MAR-2000; 2000WO-US008439.  
PR 17-MAY-2000; 2000WO-US013705.  
PR 22-MAY-2000; 2000WO-US014042.  
PR 30-MAY-2000; 2000WO-US014941.  
PR 02-JUN-2000; 2000WO-US015264.  
PR 28-JUL-2000; 2000WO-US020710.  
PR 24-AUG-2000; 2000WO-US023328.  
PR 01-DEC-2000; 2000WO-US032678.  
PR 20-DEC-2000; 2000WO-US034956.  
PR 28-FEB-2001; 2001WO-US006520.  
PR 22-MAR-2001; 2001WO-US009552.  
PR 25-MAY-2001; 2001WO-US017092.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 20-JUN-2001; 2001WO-US019692.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-JUL-2001; 2001WO-US021735.  
PR 30-JUL-2001; 2001US-00918585.  
XX  
XX (GETH ) GENENTECH INC.  
PA  
XX Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
PI

PI Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
PI Kijavini IJ, Kuo SS, Napier MA, Pan J, Paoni NF, Roy MA, Shelton DL;  
PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX WPI; 2003-852598/79.  
DR N-PSDB; ADD72496.  
XX  
XX New secreted and transmembrane PRO nucleic acids and polypeptides, useful  
PT for stimulating the release of tumor necrosis factor alpha from human  
PT blood and stimulating the proliferation of differentiation of chondrocyte  
PT cells.  
XX  
XX Claim 12; SEQ ID NO 322; 462pp; English.  
XX  
XX The invention relates to an isolated PRO polypeptide (secreted or  
CC transmembrane protein) having at least 80% amino acid sequence identity  
CC to an amino acid sequence chosen from 94 fully defined sequences as given  
CC in the specification (including PRO lacking its associated signal  
CC peptide, a PRO extracellular domain with or without its associated signal  
CC peptide). Also included are nucleic acids encoding the PRO proteins  
CC mentioned above, a vector comprising a PRO nucleic acid, a host cell  
CC comprising the vector and producing PRO, a chimeric molecule comprising  
CC PRO fused to a heterologous amino acid sequence, and an anti-PRO  
CC antibody. PRO337 polypeptide is useful for detecting a PRO4993  
CC polypeptide in a sample suspected of containing PRO4993 polypeptide.  
CC Similarly, PRO4993 polypeptide is useful for detecting PRO337  
CC polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
CC PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting  
CC PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
CC molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
CC causes death of the cell. PRO337 polypeptide is useful for linking a  
CC bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
CC to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
CC useful for linking a bioactive molecule to a cell expressing PRO725,  
CC PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
CC polypeptide is useful for modulating at least one biological activity of  
CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
CC polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
CC biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
CC PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
CC modulating the biological activity of the cell expressing PRO1559  
CC polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
CC PRO739 polypeptide is useful for modulating the biological activity of  
CC the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
CC polypeptides are useful for inhibiting tumour growth, retinal disorders,  
CC sports-related joint problems, articular cartilage defects,  
CC osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
CC mammals. The present sequence represents a PRO protein.  
XX  
SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 7; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAACYMLALLLTAAALFFAIWHIIAFDELKTDYKNPQDQNTLNPLVPLYLHA 60  
Db |||||  
1 MAFTFAACYMLALLLTAAALFFAIWHIIAFDELKTDYKNPQDQNTLNPLVPLYLHA 60  
QY 61 FFCVWFLCAAEWLTLGLNMLLAVHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120  
Db |||||  
61 FFCVWFLCAAEWLTLGLNMLLAVHIWYMSRPVMSGPGLYDPTTMMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
Db |||||  
121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 81  
ADE17148

AD17148 standard; protein; 144 AA.  
 ADE17148;  
 29-JAN-2004 (first entry)  
 Human secreted/transmembrane protein, PRO181.  
 Human; secreted protein; transmembrane protein; PRO; cytostatic;  
 ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
 auditory; tumour growth; retinal disorder; sports-related joint problem;  
 articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
 wound healing; hearing loss.  
 Homo sapiens.  
 US2003203433-A1.  
 30-OCT-2003.  
 18-OCT-2001; 2001US-00145016.  
 06-MAY-1998; 98US-0084414P.  
 22-DEC-1998; 98US-0113296P.  
 05-JAN-1999; 99WO-US000106.  
 08-MAR-1999; 99WO-US005028.  
 12-APR-1999; 99US-00284291.  
 25-AUG-1999; 99US-00380138.  
 18-FEB-2000; 2000WO-US004341.  
 30-JUL-2001; 2001US-00918585.  
 (GETH ) GENENTECH INC.  
 Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
 Ferrara N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
 Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
 Kijavini I, Kuo SS, Napier WA, Pan J, Paoni NF, Roy MA, Shelton DL;  
 Stewart TA, Tumas D, Williams PM, Wood WI;  
 WPI; 2003-875640/81.  
 N-PSDB; ADE17147.  
 New genes, and its encoded secreted and transmembrane polypeptides,  
 useful for treating e.g. lung or breast tumors, osteoarthritis,  
 rheumatoid arthritis, obesity, diabetes, hyperinsulinemia,  
 hypoinsulinemia or wounds.  
 Claim 12; SEQ ID NO 322; 459pp; English.  
 The invention relates to an isolated PRO polypeptide (secreted or  
 transmembrane protein) having at least 80% amino acid sequence identity  
 to an amino acid sequence chosen from 94 fully defined sequences as given  
 in the specification (including PRO lacking its associated signal  
 peptide, a PRO extracellular domain with or without its associated signal  
 peptide). Also included are nucleic acids encoding the PRO proteins  
 mentioned above, a vector comprising a PRO nucleic acid, a host cell  
 comprising the vector and producing PRO, a chimeric molecule comprising  
 PRO fused to a heterologous amino acid sequence, and an anti-PRO  
 antibody. PRO337 polypeptide is useful for detecting a PRO4993  
 polypeptide in a sample suspected of containing PRO4993 polypeptide.  
 Similarly, PRO4993 polypeptide is useful for detecting PRO337  
 polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
 PRO337, PRO725, PRO700 or PRO739 polypeptide. The bioactive  
 molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
 causes death of the cell. PRO337 polypeptide is useful for linking a  
 bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
 PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
 to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
 useful for linking a bioactive molecule to a cell expressing PRO725,  
 PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
 polypeptide is useful for modulating at least one biological activity of

CC the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
 polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
 biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
 PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
 modulating the biological activity of the cell expressing PRO1559  
 polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
 PRO739 polypeptide is useful for modulating the biological activity of  
 the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
 polypeptides are useful for inhibiting tumour growth, retinal disorders,  
 sports-related joint problems, articular cartilage defects,  
 osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
 mammals. The present sequence represents a PRO protein.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 7; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2,2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLLTAALFFAIWHIIAFDELKTYKXNPIDQNTLNPLVPEYLIHA 60  
 DB 1 MAFTFAFCYMLALLLTAALFFAIWHIIAFDELKTYKXNPIDQNTLNPLVPEYLIHA 60  
 QY 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMNADILAYCOKEGW 120  
 DB 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTMNADILAYCOKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 RESULT 82  
 ADC48823  
 ID ADC48823 standard; protein; 144 AA.  
 XX  
 AC ADC48823;  
 XX  
 DT 15-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003092888-A1.  
 XX  
 PD 15-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219468.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-031186/03.  
 DR N-PSDB; ADC48822.  
 XX  
 PT Novel isolated PRO polypeptide useful for tissue typing, gene therapy, as

PT molecular weight markers in protein electrophoresis, for treating  
 XX arthritis, tumor.

Claim 11; SEQ ID NO 120; 308pp; English.

The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO1341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFVYMLALLLTALIRFAIWHIIAFDELKTDYKNPDDQNTLNPLVLYLIHA 60  
 |||||  
 Db 1 MAFTFAAFVYMLALLLTALIRFAIWHIIAFDELKTDYKNPDDQNTLNPLVLYLIHA 60  
 |||||

QY 61 FFCWFLCAEAWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCKGKW 120  
 |||||  
 Db 61 FFCWFLCAEAWLTGLNPLLAYHWRVMSRPMVSGPGLYDPTTINADILAYCKGKW 120  
 |||||

QY 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 |||||  
 Db 121 CKLAFVLLAFFYLYGMIVLVSS 144  
 |||||

RESULT 83

ADE20994

ID ADE20994 standard; protein; 144 AA.

XX ADE20994;

AC ADE20994;

XX 29-JAN-2004 (first entry)

DT 29-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO181.

XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;

XX antiarthritic; pericyte cell proliferation;

XX pericyte cell differentiation; chondrocyte cell proliferation;

KW

chondrocyte cell differentiation; tumour necrosis factor alpha release; (TNF)-alpha release; dermal fibroblast cell proliferation; dermal fibroblast cell differentiation inhibitor; tumour; lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour; liver tumour; tissue typing; chromosome mapping; gene mapping; gene therapy.

XX Homo sapiens.

OS US2003100735-A1.

XX 29-MAY-2003.

XX 28-AUG-2002; 2002US-00230433.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU; Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI; WPI; 2004-008985/01.  
 XX N-PSDB; ADE20993.

XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful in gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.

XX Claim 11; Fig 120; 308pp; English.

The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO311, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567, PRO1887, PRO1928, PRO1341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322, PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for stimulating the proliferation of normal human dermal fibroblasts cells. PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408, PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for inhibiting the proliferation of normal human dermal fibroblast cells. PRO polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc., are useful for detecting the presence of tumour in a mammal which involves comparing the level of expression of the above PRO polypeptides in a test sample of cells taken from the mammal, and a control sample of normal cells of the same cell type, where a higher level of expression of the PRO polypeptides in the test sample as compared to the control sample is indicative of the presence of tumour in the mammal. The tumour is lung tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or liver tumour. (I) is useful as molecular weight markers, for tissue typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is useful for chromosome and gene mapping or gene therapy. (II) is useful for generating transgenic animals or knock-out animals which are useful screening useful reagents. PRO357, PRO1272 or PRO4405 polypeptide is useful for treating bone and/or cartilage disorders (e.g., arthritis, sport injuries). This is the amino acid sequence of a human secreted and transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 Db 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 84  
 ADE05838  
 ID ADE05838 standard; protein; 144 AA.  
 XX AC ADE05838;  
 DT 29-JAN-2004 (first entry)  
 XX DE Human PRO polypeptide #60.  
 XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX OS Homo sapiens.  
 XX PN US2003100728-A1.  
 XX PD 29-MAY-2003.  
 XX PF 28-AUG-2002; 2002US-00230024.  
 XX PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX PA (GETH ) GENENTECH INC.  
 XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WI;  
 DR WPI; 2004-008978/01.  
 DR N-PSDB; ADE05837.  
 XX PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 XX cancer.  
 XX PS Claim 11; Fig 120; 308pp; English.  
 XX CC The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful

CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention.

XX SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60

Db 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMADILAYCQKEGW 120

Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGGLYDPTTMADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 85

ADD75067

ID ADD75067 standard; protein; 144 AA.

XX AC ADD75067;

XX DT 29-JAN-2004 (first entry)

XX DE Human PRO polypeptide #60.

XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;

KW cancer; lung; colon; breast; prostate; rectum; liver;

KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;

KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;

KW arthritis; sports injury; cytostatic; antiarthritic.

XX OS Homo sapiens.

XX PN US2003100712-A1.

XX PD 29-MAY-2003.

XX PF 09-AUG-2002; 2002US-00216168.

XX PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX PA (GETH ) GENENTECH INC.

XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

PI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WI;

DR WPI; 2004-008962/01.

DR N-PSDB; ADD75066.

XX PT New secreted and transmembrane PRO polypeptide useful for preparing a

PT medicament for treating a condition that is responsive to the PRO

PT polypeptide or anti-PRO antibody, e.g. cancer.

XX PS Claim 11; Fig 120; 308pp; English.

XX CC The invention relates to human PRO polypeptides (secreted and

CC transmembrane polypeptides) and the PRO polynucleotides encoding them.

97

RESULT 87

ADD85045  
 ID ADD85045 standard; protein; 144 AA.  
 AC ADD85045;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100722-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219476.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 DR N-PSDB; ADD85044.  
 DR  
 DR WPI; 2004-008972/01.  
 XX  
 XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.  
 XX  
 BS Claim 11; SEQ ID NO 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue

CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Fred. NO. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLNLPLVPEYLHA 60  
 Db 1 MAFTFAAFCYMLALLTAALIFFAIWHIAFDELKTDYKNPIDQCNLNLPLVPEYLHA 60  
 QY 61 FFCVMFLCAAEWLITGLNMLLAYHWRMSRPVMSGPGLYDPTTMMADILAYCQKEGM 120  
 Db 61 FFCVMFLCAAEWLITGLNMLLAYHWRMSRPVMSGPGLYDPTTMMADILAYCQKEGM 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 RESULT 88  
 ADD86871  
 ID ADD86871 standard; protein; 144 AA.  
 AC ADD86871;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100738-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 29-AUG-2002; 2002US-00232222.  
 XX  
 PR 15-SEP-2000; 2000US-0232887P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 DR N-PSDB; ADD86870.  
 DR  
 DR WPI; 2004-008988/01.  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 PS Claim 11; SEQ ID NO 120; 308pp; English.

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60  
 DB 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPILLAVHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPILLAVHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYIYLVSS 144

RESULT 89

ADE20748  
 ID ADE20748 standard; protein; 144 AA.

AC ADE20748;

XX 29-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO181.

XX Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;

KW

liver tumour; tissue typing; chromosome mapping; gene mapping;  
 gene therapy.

OS Homo sapiens.

PN US2003100734-A1.

XX 29-MAY-2003.

PF 28-AUG-2002; 2002US-00230427.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.

PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

Baker KP, Desnoyers L, Gerritson ME, Goddard A, Godowski PJ;  
 Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;

WPI; 2004-008984/01.

DR N-PSDB; ADE20747.

XX New PRO polypeptide and nucleic acid encoding the polypeptide, useful in  
 PT gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.

XX Claim 11; Fig 120; 308pp; English.

XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;  
 Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60  
 DB 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPILLAVHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPILLAVHIWYMSRPVMSGPGLYDPTTINADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMYIYLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMYIYLVSS 144

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60  
 DB 1 MATFAAFCYMLALLLFAALFFAIWHIIAFDELKTYKPNIDQCNTLNPLVPEYLIIHA 60



Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 QY 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 Db 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 RESULT 90  
 ADE39045  
 ID ADE39045 standard; protein; 144 AA.  
 XX  
 AC ADE39045;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003096362-A1.  
 XX  
 PD 22-MAY-2003.  
 XX  
 PF 29-AUG-2002; 2002US-00233205.  
 XX  
 PR 25-JUL-2000; 2000US-0220585P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021086.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI; 2004-008944/01.  
 DR N-PSDB; ADE39044.  
 XX  
 PT New isolated, secreted and transmembrane PRO polypeptide for diagnosing,  
 PT preventing and/or treating tumors, such as lung, colon, breast, prostate,  
 PT rectal, and/or liver tumors.  
 XX  
 PS Claim 11; Fig 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO3940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for

CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLPYLIHA 60  
 QY 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 Db 61 FFCVNFCAAEWLTGLNMPLLAYHIWYMRPVMSPGGLYDPTTMMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 91

ADE05592  
 ID ADE05592 standard; protein; 144 AA.  
 XX  
 AC ADE05592;  
 XX

DT 29-JAN-2004 (first entry)

DE Human PRO polypeptide #60.

XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.

OS Homo sapiens.

XX US2003100727-A1.

PD 29-MAY-2003.

PF 28-AUG-2002; 2002US-00229974.

PR 01-JUN-2001; 2001WO-US017800.

PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;



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DR WPI; 2004-008977/01.
DR N-PSDB; ADE05591.
XX
PT New secreted and transmembrane PRO polypeptide useful for preparing a
PT medicament for treating a condition that is responsive to the PRO
PT polypeptide or anti-PRO antibody, e.g. cancer.
XX
XX Claim 11; Fig 120; 308pp; English.
XX
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
XX sequence represents a human PRO polypeptide of the invention.
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
DB 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEMLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEMLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 92
ADD73577
ID ADD73577 standard; protein; 144 AA.
XX
XX ADD73577;
XX
XX 29-JAN-2004 (first entry)
XX
XX Human PRO polypeptide #60.
XX
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
XX cancer; lung; colon; breast; prostate; rectum; liver;
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
XX arthritis; sports injury; cytostatic; antiarthritis.
XX
XX Homo sapiens.
XX
XX US2003100711-A1.
XX

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PD 29-MAY-2003.
XX
PF 09-AUG-2002; 2002US-00216167.
XX
XX 05-JUN-2000; 2000US-0209832P.
XX
PR 15-SEP-2000; 2000US-0232887P.
XX
PR 01-JUN-2001; 2001WO-US017800.
XX
PR 29-JUN-2001; 2001WO-US021066.
XX
PR 09-APR-2002; 2002US-00119480.
XX
XX (GETH ) GENENTECH INC.
XX
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WPI; 2004-008961/01.
XX N-PSDB; ADD73576.
XX
XX New secreted and transmembrane PRO polypeptide useful for preparing a
XX medicament for treating a condition that is responsive to the PRO
XX polypeptide or anti-PRO antibody, e.g. cancer.
XX
XX Claim 11; Fig 120; 309pp; English.
XX
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX blood, for stimulating the proliferation or differentiation of
XX chondrocyte cells, for stimulating the proliferation of or gene
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format at
XX seqdata.uspto.gov/sequence.html.
XX
SQ Sequence 144 AA;
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
DB 1 MAFTFAFCYMLALLTAALIFPAIWHIIAFDELKTDYKNPDIQCNTLNPLVPEYLHA 60
QY 61 FFCVMFLCAAEMLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEMLTGLNMPLLAYHIWYMSRPVMSGPLGYDPTTMMNADILAYCQKEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144
RESULT 93
ADE48656
ID ADE48656 standard; protein; 144 AA.

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XX AC ADE48656;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human secreted/transmembrane protein, PRO181.  
XX DE Human; secreted protein; transmembrane protein; PRO; cytostatic;  
XX KW ophthalmological; antiarthritic; osteopathic; antirheumatic; vulnary;  
XX KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
XX KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
XX KW wound healing; hearing loss.  
XX OS Homo sapiens.  
XX PN US2003104536-A1.  
XX PD 05-JUN-2003.  
XX PF 19-OCT-2001; 2001US-00166709.  
XX PR 07-OCT-1998; 98WO-US021141.  
XX PR 20-NOV-1998; 98WO-US024855.  
XX PR 05-JAN-1999; 99WO-US000106.  
XX PR 08-MAR-1999; 99WO-US005028.  
XX PR 10-MAR-1999; 99WO-US005190.  
XX PR 14-MAY-1999; 99WO-US010733.  
XX PR 02-JUN-1999; 99WO-US012252.  
XX PR 30-NOV-1999; 99WO-US028313.  
XX PR 02-DEC-1999; 99WO-US028551.  
XX PR 16-DEC-1999; 99WO-US028551.  
XX PR 16-DEC-1999; 99WO-US030095.  
XX PR 30-DEC-1999; 99WO-US031243.  
XX PR 30-DEC-1999; 99WO-US031274.  
XX PR 05-JAN-2000; 2000WO-US000219.  
XX PR 06-JAN-2000; 2000WO-US000277.  
XX PR 06-JAN-2000; 2000WO-US000376.  
XX PR 11-FEB-2000; 2000WO-US003365.  
XX PR 18-FEB-2000; 2000WO-US004341.  
XX PR 24-FEB-2000; 2000WO-US005004.  
XX PR 02-MAR-2000; 2000WO-US005841.  
XX PR 10-MAR-2000; 2000WO-US006319.  
XX PR 21-MAR-2000; 2000WO-US007532.  
XX PR 30-MAR-2000; 2000WO-US008439.  
XX PR 17-MAY-2000; 2000WO-US013705.  
XX PR 22-MAY-2000; 2000WO-US014042.  
XX PR 30-MAY-2000; 2000WO-US014941.  
XX PR 02-JUN-2000; 2000WO-US015284.  
XX PR 28-JUL-2000; 2000WO-US020710.  
XX PR 24-AUG-2000; 2000WO-US023328.  
XX PR 01-DEC-2000; 2000WO-US032678.  
XX PR 20-DEC-2000; 2000WO-US034956.  
XX PR 28-FEB-2001; 2001WO-US006520.  
XX PR 22-MAR-2001; 2001WO-US009552.  
XX PR 25-MAY-2001; 2001WO-US017092.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 20-JUN-2001; 2001WO-US019692.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-JUL-2001; 2001WO-US021735.  
XX PR 30-JUL-2001; 2001US-00918585.  
XX PA (GETH ) GENENTECH INC.  
XX PI Ashkenazi AJ, Baker KP, Botstein D, Desnoyers L, Eaton DL;  
XX PI Ferrata N, Filvaroff E, Fong S, Gao W, Gerber H, Gerritsen ME;  
XX PI Goddard A, Godowski PJ, Grimaldi JC, Gurney AL, Hillan KJ;  
XX PI XlJavin IJ, Kuo SS, Rapier MA, Pan J, Faoni NF, Roy MA, Shelton DL;  
XX PI Stewart TA, Tumas D, Williams PM, Wood WI;  
XX DR WPI; 2004-008994/01.  
XX DR N-PSDB; ADE48655.  
XX XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO4993 or  
XX PT

PT PRO337, useful in molecular biology, chromosome and gene mapping, in  
XX generating antisense RNA and DNA, and in gene therapy.  
XX PS Claim 12; SEQ ID NO 322; 460pp; English.  
XX CC The invention relates to an isolated PRO polypeptide (secreted or  
XX transmembrane protein) having at least 80% amino acid sequence identity  
XX to an amino acid sequence chosen from 94 fully defined sequences as given  
XX in the specification (including PRO lacking its associated signal  
XX peptide, a PRO extracellular domain with or without its associated signal  
XX peptide). Also included are nucleic acids encoding the PRO proteins  
XX mentioned above, a vector comprising a PRO nucleic acid, a host cell  
XX comprising the vector and producing PRO, a chimaeric molecule comprising  
XX PRO fused to a heterologous amino acid sequence, and an anti-PRO  
XX antibody. PRO337 polypeptide is useful for detecting a PRO4993  
XX polypeptide in a sample suspected of containing PRO4993 polypeptide.  
XX Similarly, PRO4993 polypeptide is useful for detecting PRO337  
XX polypeptide. PRO725, PRO700 or PRO739 polypeptide is useful for detecting  
XX PRO1559 polypeptide, and PRO1559 polypeptide is useful for detecting a  
XX PRO725, PRO700 or PRO739. PRO4993 polypeptide is useful for linking a  
XX bioactive molecule to a cell expressing PRO337 polypeptide. The bioactive  
XX molecule is the toxin, radiolabel, or an antibody. The bioactive molecule  
XX causes death of the cell. PRO337 polypeptide is useful for linking a  
XX bioactive molecule to a cell expressing PRO4993 polypeptide; PRO725,  
XX PRO700 or PRO739 polypeptide are useful for linking a bioactive molecule  
XX to a cell expressing PRO1559 polypeptide; and PRO1559 polypeptide is  
XX useful for linking a bioactive molecule to a cell expressing PRO725,  
XX PRO700 or PRO739 polypeptide. PRO4993 polypeptide or anti-PRO337  
XX polypeptide is useful for modulating at least one biological activity of  
XX the cell expressing PRO337 polypeptide, where the cell is killed. PRO337  
XX polypeptide or anti-PRO4993 polypeptide is useful for modulating the  
XX biological activity of the cell expressing PRO4993 polypeptide; PRO725,  
XX PRO700 or PRO739 polypeptide or an anti-PRO1559 polypeptide is useful for  
XX modulating the biological activity of the cell expressing PRO1559  
XX polypeptide; and PRO1559 polypeptide or anti-PRO725, anti-PRO700 or anti-  
XX PRO739 polypeptide is useful for modulating the biological activity of  
XX the cell expressing PRO725, PRO700 or PRO739 polypeptide. The  
XX polypeptides are useful for inhibiting tumour growth, retinal disorders,  
XX sports-related joint problems, articular cartilage defects,  
XX osteoarthritis or rheumatoid arthritis, wound healing and hearing loss in  
XX mammals. The present sequence represents a PRO protein.  
XX SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. NO. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
Qy 1 MAFTFAAFCYMLALLTAALIFFAIIHIIAFDELKTDYKPNIDOCNTLNPLVPEYLIHA 60  
Db 1 MAFTFAAFCYMLALLTAALIFFAIIHIIAFDELKTDYKPNIDOCNTLNPLVPEYLIHA 60  
Qy 61 FFCVMFLCAAEBWLTGLNMPILAYHIWYMRSPVMSGFLYDPTTINADILAYCQKEGW 120  
Db 61 FFCVMFLCAAEBWLTGLNMPILAYHIWYMRSPVMSGFLYDPTTINADILAYCQKEGW 120  
Qy 121 CKLAFYLLAFYLYGMIVLVSS 144  
Db 121 CKLAFYLLAFYLYGMIVLVSS 144  
RESULT 94  
ADD78417  
ID ADD78417 standard; protein; 144 AA.  
XX AC ADD78417;  
XX DT 29-JAN-2004 (first entry)  
XX DE Novel human secreted and transmembrane protein PRO181.  
XX DE human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
XX KW antiarthritic; pericyte cell proliferation;

KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 XX gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100737-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 28-AUG-2002; 2002US-00230438.  
 XX  
 XX 15-SEP-2000; 2000US-0232887P.  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan CF, Watanabe CK, Wood WI;  
 XX  
 XX WPI; 2004-008987/01.  
 DR N-PSDB; AD078416.  
 DR  
 DR  
 XX New PRO polypeptide and nucleic acid encoding the polypeptide, useful for  
 PT gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; SEQ ID NO 120; 309pp; English.  
 XX  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
 QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFBELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
 Db 1 MAFTFAFCYMLALLTLTAALIFFAIWHIIAFBELKTDYKNPIDQCNLTNPLVLPVLIHA 60  
 QY 61 FFCWVPLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKEG 120  
 Db 61 FFCWVPLCAAEWLTGLNMPLLAYHWRVMSRPMVSGPGLYDPTTMMNADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMYVLYSS 144  
 Db 121 CKLAFYLLAFFYLYGMYVLYSS 144  
 RESULT 95  
 ADE41252  
 ID ADE41252 standard; protein; 144 AA.  
 XX ADE41252;  
 XX  
 XX 29-JAN-2004 (first entry)  
 XX  
 XX Human secreted/transmembrane PRO polypeptide #1.  
 XX  
 KW human; secreted protein; transmembrane protein; cardiovascular disorder;  
 KW endothelial disorder; angiogenic disorder; myocardial infarction;  
 KW cardiac hypertrophy; trauma; cancer; age-related macular degeneration;  
 KW angiogenesis; endothelial cell apoptosis; smooth muscle cell growth;  
 KW endothelial cell tube formation.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100497-A1.  
 XX  
 XX 29-MAY-2003.  
 XX  
 XX 16-AUG-2002; 2002US-00223085.  
 XX  
 XX 20-JUN-2001; 2001WO-US019692.  
 PR 09-JUL-2001; 2001WO-US021735.  
 PR 20-FEB-2002; 2002US-00081056.  
 XX  
 XX (GETH ) GENENTECH INC.  
 XX  
 XX Baker KP, Ferrara N, Gerber H, Gerritsen ME, Goddard A;  
 PI Godowski PJ, Gurney AL, Hillan KJ, Marsters SA, Pan J, Stephan JF;  
 PI Watanabe CK, Williams PM, Wood WI, Ye W;  
 XX  
 XX WPI; 2004-008957/01.  
 DR N-PSDB; ADE41251.  
 DR  
 XX New isolated nucleic acid encoding a PRO polypeptide, e.g. PRO205 or  
 XX PRO214, useful in molecular biology, chromosome and gene mapping, in  
 XX generating antisense RNA and DNA, and for treating disorders involving  
 XX angiogenesis.  
 XX  
 XX Claim 11; SEQ ID NO 2; 492pp; English.  
 XX  
 XX The invention relates to an isolated nucleic acid encoding a secreted and  
 XX transmembrane polypeptide (PRO). The nucleic acid, a polypeptide encoded  
 XX by the nucleic acid, or an agonist or antagonist, is used to treat a  
 XX cardiovascular, endothelial, or angiogenic disorder in a mammal,  
 XX preferably a human. The human may have suffered a myocardial infarction  
 XX or has cardiac hypertrophy, trauma, a cancer, or age-related macular  
 XX degeneration. The cardiac hypertrophy is characterised by the presence of  
 XX an elevated level of PGF-2 alpha. A PRO polypeptide, given in the  
 XX specification, or an agonist is used to inhibit or stimulate endothelial  
 XX cell growth in a mammal. PRO21 or an agonist is used to induce cardiac  
 XX hypertrophy. PRO1376 or PRO1449 is used to stimulate angiogenesis.  
 XX PRO4302 or an agonist is used to induce endothelial cell apoptosis. A PRO

CC polypeptide, given in the specification, or an agonist is used to  
 CC stimulate or inhibit smooth muscle cell growth, or to induce endothelial  
 CC cell tube formation. The present sequence represents the amino acid  
 CC sequence of a PRO polypeptide of the invention.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 3; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-35;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Db 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60

Qy 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVWMSGPLYDPTTINADILAYCQEGW 120  
 Db 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVWMSGPLYDPTTINADILAYCQEGW 120

Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 96  
 ADE21240  
 ID ADE21240 standard; protein; 144 AA.  
 XX  
 AC ADE21240;  
 XX  
 XX 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 XX  
 KW Human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 XX US2003100736-A1.  
 XX  
 PN 29-MAY-2003.  
 PD  
 XX  
 XX 28-AUG-2002; 2002US-00230435.  
 XX  
 XX 01-JUN-2001; 2001WO-US017800.  
 XX  
 PR 29-JUN-2001; 2001WO-US021056.  
 PR  
 XX 09-APR-2002; 2002US-00119480.  
 XX  
 XX (GETH ) GENENTECH INC.  
 PA  
 XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 FI  
 XX WPI; 2004-008986/01.  
 DR  
 DR N-PSDB; ADE21239.  
 XX  
 XX New PRO polypeptides and nucleic acids encoding the polypeptides, useful  
 PT in gene therapy, chromosome identification, tissue typing, or as  
 PT hybridization probes in chromosome and gene mapping.  
 XX  
 XX Claim 11; Fig 120; 309pp; English.  
 PS  
 XX The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of cr gene expression in  
 CC

CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1131, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
 CC PRO940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60  
 Db 1 MAFTFAFCYMLALLTAALFFAIWHIAFDELKTYKNPIDOCNTLNPLVPEYLHA 60

Qy 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVWMSGPLYDPTTINADILAYCQEGW 120  
 Db 61 FFCVWFCAAEWLTGLNMPLLAYHIWYMSRPVWMSGPLYDPTTINADILAYCQEGW 120

Qy 121 CKLAFYLLAFYYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMIYVLVSS 144

RESULT 97  
 ADD77355  
 ID ADD77355 standard; protein; 144 AA.  
 XX  
 AC ADD77355;  
 XX  
 XX 29-JAN-2004 (first entry)  
 DT  
 XX Novel human secreted and transmembrane protein PRO181.  
 DE  
 XX human; secreted and transmembrane protein; PRO; cytostatic; vulnary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 XX Homo sapiens.  
 OS



CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.

SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 99  
ADD75567  
ID ADD75567 standard; protein; 144 AA.  
XX AC ADD75567;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #60.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; prostate; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.  
XX OS Homo sapiens.  
XX FN US2003100064-A1.  
XX PD 29-MAY-2003.  
XX PF 12-AUG-2002; 2002US-00219060.  
XX PR 01-JUN-2001; 2001WO-US017800.  
XX PR 29-JUN-2001; 2001WO-US021066.  
XX PR 09-APR-2002; 2002US-00119480.  
XX PA (GETH ) GENENTECH INC.  
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;  
XX N-PSDB; ADD75566.  
XX WPI; 2004-008955/01.  
XX DR N-PSDB; ADD75566.  
XX PT New nucleic acid, for the manufacture of a medicament for diagnosing or  
treating tumor or for measuring or detecting expression of an associated

PT gene.  
XX Claim 11; Fig 120; 308pp; English.  
XX The invention relates to human PRO polypeptides (secreted and  
CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
CC diagnostics, biosensors or bioreactors. They are particularly useful for  
CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
CC blood, for stimulating the proliferation or differentiation of  
CC chondrocyte cells, for stimulating the proliferation of or gene  
CC expression in pericyte cells or for stimulating the proliferation of  
CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
CC hybridisation probes, in chromosome and gene mapping, in generating  
CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
CC technology, in generating transgenic animals or knock-out animals which  
CC may be used in the development and screening of therapeutically useful  
CC reagents, in gene therapy, in chromosome identification, as chromosome  
CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
CC antibodies, are useful for preparing a medicament for treating a  
CC condition which is responsive to the PRO polypeptides or anti-PRO  
CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
CC differentiation of chondrocytes. The PRO polypeptides are useful as  
CC molecular markers for protein electrophoresis, and in tissue typing. This  
CC sequence represents a human PRO polypeptide of the invention. Note: The  
CC sequence data for this patent is also available in electronic format at  
CC segdata.uspto.gov/sequence.html.

SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
DB 1 MAFTFAFCYMLALLTAALIFFAIWHIIFAFDELKTDYKNPIDOCNTLNPLVPEYLIHA 60  
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINMADILAYCQKEGW 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 100  
ADD74083  
ID ADD74083 standard; protein; 144 AA.  
XX AC ADD74083;  
XX DT 29-JAN-2004 (first entry)  
XX DE Human PRO polypeptide #60.  
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
KW cancer; lung; colon; breast; prostate; rectum; liver;  
KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
KW arthritis; sports injury; cytostatic; antiarthritic.  
XX OS Homo sapiens.  
XX FN US2003100708-A1.  
XX PD 29-MAY-2003.  
XX PF 09-AUG-2002; 2002US-00216160.

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XX PR 01-AUG-2000; 2000US-0222425P.
XX PR 01-JUN-2001; 2001WO-US017800.
XX PR 29-JUN-2001; 2001WO-US021066.
XX PR 09-APR-2002; 2002US-00119480.
XX PA (GETH ) GENENTECH INC.
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;
XX DR WPI: 2004-008958/01.
XX DR N-PSDB; ADD74082.
XX PT New secreted and transmembrane PRO polypeptide useful for preparing a
XX PT polypeptide or anti-PRO antibody, e.g. cancer.
XX PS Claim 11; Fig 120; 308pp; English.
XX CC The invention relates to human PRO polypeptides (secreted and
XX CC transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX CC diagnostics, biosensors or bioreactors. They are particularly useful for
XX CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX CC prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX CC stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX CC blood, for stimulating the proliferation or differentiation of
XX CC chondrocyte cells, for stimulating the proliferation of or gene
XX CC expression in pericyte cells or for stimulating the proliferation of
XX CC normal human dermal fibroblasts. The PRO polypeptides, or anti-PRO
XX CC antibodies, are useful for preparing a medicament for treating a
XX CC condition which is responsive to the PRO polypeptides or anti-PRO
XX CC antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX CC disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX CC differentiation of chondrocytes. The PRO polypeptides are useful as
XX CC molecular markers for protein electrophoresis, and in tissue typing. This
XX CC sequence represents a human PRO polypeptide of the invention. Note: The
XX CC sequence data for this patent is also available in electronic format at
XX CC seqdata.uspto.gov/sequence.html.
XX SQ Sequence 144 AA;
XX Query Match 100.0%; Score 784; DB 8; Length 144;
XX Best Local Similarity 100.0%; Pred. No. 2.2e-85;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
QY 61 FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNPLLAYHWRVMSRPVMSGPLYDPTIMNADILAYCQKEGW 120
QY 121 CKLAFVLLAFFYLYGMIVLVSS 144
DB 121 CKLAFVLLAFFYLYGMIVLVSS 144
RESULT 101
ADD74329
ID ADD74329 standard; protein; 144 AA.
XX AC ADD74329;
XX DB 29-JAN-2004 (first entry)
```

```
XX DE
XX KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;
XX KW cancer; lung; colon; breast; prostate; rectum; liver;
XX KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;
XX KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;
XX KW arthritis; sports injury; cytostatic; antiarthritic.
XX OS Homo sapiens.
XX PN US2003100709-A1.
XX PD 29-MAY-2003.
XX PF 09-AUG-2002; 2002US-00216162.
XX PR 25-JUL-2000; 2000US-0220585P.
XX PR 01-JUN-2001; 2001WO-US017800.
XX PR 29-JUN-2001; 2001WO-US021066.
XX PR 09-APR-2002; 2002US-00119480.
XX PA (GETH ) GENENTECH INC.
XX PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WT;
XX XX WPI: 2004-008959/01.
XX DR N-PSDB; ADD74328.
XX PT New secreted and transmembrane PRO polypeptide useful for preparing a
XX PT medicament for treating a condition that is responsive to the PRO
XX PT polypeptide or anti-PRO antibody, e.g. cancer.
XX PS Claim 11; Fig 120; 309pp; English.
XX CC The invention relates to human PRO polypeptides (secreted and
XX CC transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX CC diagnostics, biosensors or bioreactors. They are particularly useful for
XX CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX CC prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX CC stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX CC blood, for stimulating the proliferation or differentiation of
XX CC chondrocyte cells, for stimulating the proliferation of or gene
XX CC expression in pericyte cells or for stimulating the proliferation of
XX CC normal human dermal fibroblasts. The PRO polypeptides, or anti-PRO
XX CC antibodies, are useful for preparing a medicament for treating a
XX CC condition which is responsive to the PRO polypeptides or anti-PRO
XX CC antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX CC disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX CC differentiation of chondrocytes. The PRO polypeptides are useful as
XX CC molecular markers for protein electrophoresis, and in tissue typing. This
XX CC sequence represents a human PRO polypeptide of the invention. Note: The
XX CC sequence data for this patent is also available in electronic format at
XX CC seqdata.uspto.gov/sequence.html.
XX SQ Sequence 144 AA;
```

```
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
DB 1 MAFTFAAFCYMLALLTLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLHA 60
```



QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 102  
 ADD76059  
 ID ADD76059 standard; protein; 144 AA.  
 AC ADD76059;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003100718-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219467.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX  
 DR WPI: 2004-008968/01.  
 DR N-PSDB; ADD76059.  
 XX  
 PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.  
 XX  
 PS Claim 11; SEQ ID NO 120; 308pp; English.  
 XX  
 CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1317, PRO1567,  
 CC PRO1887, PRO1928, PRO341, PRO1801, PRO4333, PRO3543, PRO4444, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,

CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7114, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or knock-out animals which are useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.  
 XX  
 XX Sequence 144 AA;  
 SQ

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAFWIIAFDELKTDYKKNPIDQCNTLNPLVPEYLIHA 60  
 Db 1 MAFTFAAFCYMLALLTAALIFFAFWIIAFDELKTDYKKNPIDQCNTLNPLVPEYLIHA 60  
 QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 Db 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINMADILAYCQKEGW 120  
 QY 121 CKLAFYLLAFYYLYGMYIYLVSS 144  
 Db 121 CKLAFYLLAFYYLYGMYIYLVSS 144

RESULT 103  
 ADD85551  
 ID ADD85551 standard; protein; 144 AA.  
 AC ADD85551;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Novel human secreted and transmembrane protein PRO181.  
 KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.  
 XX  
 OS Homo sapiens.  
 XX  
 PN US2003100721-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 13-AUG-2002; 2002US-00219473.  
 XX  
 PR 01-JUN-2001; 2001WO-US017800.  
 PR 29-JUN-2001; 2001WO-US021066.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI





QY 61 FFCVWELCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINNADILAYCQKEG 120  
 Db 61 FFCVWELCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINNADILAYCQKEG 120  
 QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 105

ADD75313  
 ID ADD75313 standard; protein; 144 AA.

XX AC ADD75313;  
 XX 29-JAN-2004 (first entry)  
 DE Human PRO polypeptide #60.  
 XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 OS Homo sapiens.

XX US2003100714-A1.

XX 29-MAY-2003.

XX 13-AUG-2002; 2002US-00219071.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2004-008964/01.

XX N-PSDB; ADD75312.

XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.

XX Claim 11; Fig 120; 308pp; English.

XX The invention relates to human PRO polypeptides (secreted and  
 XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 XX diagnostics, biosensors or bioreactors. They are particularly useful for  
 XX detecting tumour, rectal tumour, colon tumour, breast tumour,  
 XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 XX blood, for stimulating the proliferation or differentiation of  
 XX chondrocyte cells, for stimulating the proliferation of or gene  
 XX expression in pericyte cells or for stimulating the proliferation of  
 XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 XX hybridisation probes, in chromosome and gene mapping, in generating  
 XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
 XX technology, in generating transgenic animals or knock-out animals which  
 XX may be used in the development and screening of therapeutically useful  
 XX reagents, in gene therapy, in chromosome identification, as chromosome  
 XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
 XX antibodies, are useful for preparing a medicament for treating a  
 XX condition which is responsive to the PRO polypeptides or anti-PRO  
 XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 XX disorders (e.g. arthritis, sports injuries), involving inducing the re-

CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent can also be obtained in electronic format  
 CC directly from USPTO at seqdata.uspto.gov/sequence.html.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALIFFAIMHIIAFDELKTDYKNPIDOCNTLNPLVLEIHA 60

Db 1 MAFTFAAFCYMLALLTAALIFFAIMHIIAFDELKTDYKNPIDOCNTLNPLVLEIHA 60

QY 61 FFCVWELCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINNADILAYCQKEG 120

Db 61 FFCVWELCAAEWLTGLNMPLLAYHWRVMSRPVMSGGLYDPTTINNADILAYCQKEG 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144

Db 121 CKLAFYLLAFFYLYGMIYVLVSS 144

## RESULT 106

ADD76857

ID ADD76857 standard; protein; 144 AA.

XX AC ADD76857;

XX 29-JAN-2004 (first entry)

XX Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.

XX US2003100715-A1.

XX 29-MAY-2003.

XX 13-AUG-2002; 2002US-00219074.

XX 22-JUN-1999; 99US-0140650P.

XX 30-MAY-2000; 2000WO-US014941.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2004-008965/01.

XX N-PSDB; ADD76856.

XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 PT medicament for treating a condition that is responsive to the PRO  
 PT polypeptide or anti-PRO antibody, e.g. cancer.

XX Claim 11; SEQ ID NO 120; 308pp; English.

CC The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1397, PRO1409, PRO1474, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC normal cells of the same cell type, where a higher level of expression of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC for generating useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKPNIDQCNTLNPLVPEYLIIA 60  
 Db 1 MAFTFAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKPNIDQCNTLNPLVPEYLIIA 60  
 QY 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCOKEGM 120  
 Db 61 FFCWFLCAAEWLTGLNPLLAYHWRVMSRPMVSGPLGYDPTTMMADILAYCOKEGM 120  
 QY 121 CKLAFYLLAFFYLYGMYVLVSS 144  
 Db 121 CKLAFYLLAFFYLYGMYVLVSS 144

RESULT 107

ADD86625

ID ADD86625 standard; protein; 144 AA.

XX AC ADD86625;

XX DT 29-JAN-2004 (first entry)

XX DE Novel human secreted and transmembrane protein PRO181.

XX human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
 KW antiarthritic; pericyte cell proliferation;  
 KW pericyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;

Gene therapy.

XX Homo sapiens.

XX US2003100719-A1.

XX 29-MAY-2003.

XX 14-AUG-2002; 2002US-00219469.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;

XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;

XX WPI; 2004-008969/01.

XX N-PSDB; ADD86624.

XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 PT cancer.

Claim 11; SEQ ID NO 120; 308pp; English.

The invention describes an isolated PRO (secreted and transmembrane)  
 CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 CC useful for stimulating the proliferation of or gene expression in  
 CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 CC for stimulating the proliferation or differentiation of chondrocyte  
 CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
 CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
 CC PRO247, PRO337, PRO326, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,  
 CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 CC PRO1343, PRO1376, PRO1397, PRO1409, PRO1474, PRO1760, PRO1567,  
 CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
 CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 CC stimulating the proliferation of normal human dermal fibroblasts cells.  
 CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 CC are useful for detecting the presence of tumour in a mammal which  
 CC involves comparing the level of expression of the above PRO polypeptides  
 CC in a test sample of cells taken from the mammal, and a control sample of  
 CC the PRO polypeptides in the test sample as compared to the control sample  
 CC is indicative of the presence of tumour in the mammal. The tumour is lung  
 CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;

Best Local Similarity 100.0%; Pred. No. 2.2e-85;

Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAFCYMLALLTALTAALIFFAIWHIAFDELKTDYKPNIDQCNTLNPLVPEYLIIA 60

Db	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLPIHA	60
Qy	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW	120
Db	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW	120
Qy	121	CKLAFYLLAFFYLYGMIYLVSS	144
Db	121	CKLAFYLLAFFYLYGMIYLVSS	144
RESULT 108			
AD71598	ID	ADE71598 standard; protein; 144 AA.	
XX	AC	ADE71598;	
XX	DT	29-JAN-2004 (first entry)	
XX	DE	Human lung tumour protein #4.	
XX	KW	human; lung tumour; cancer; lung cancer; vaccine.	
XX	OS	Homo sapiens.	
XX	PN	US2003125245-A1.	
XX	PD	03-JUL-2003.	
XX	PF	30-DEC-1999; 99US-00476300.	
XX	PR	30-JUN-1999; 99US-00346492.	
PR	15-OCT-1999; 99US-00419356.		
PR	17-DEC-1999; 99US-00466867.		
XX	PA	(WANG/) WANG T.	
PA	(BANG/) BANGUR C S.		
XX	PI	Wang T, Bangur CS;	
XX	DR	WPI; 2004-059187/06.	
DR	N-PSDB; ADE72124.		
XX	PT	Compositions and methods for the therapy and diagnosis of lung cancer based on the detection of a lung tumor polypeptide or immunogenic portion of this lung tumor protein.	
XX	PS	Claim 52; SEQ ID NO 327; 38pp; English.	
XX	CC	The invention relates to a polypeptide comprising at least an immunogenic portion of a lung tumor protein or variant. The invention is useful for inhibiting the development of a cancer, particularly lung cancer, in a patient by administering to a patient an effective amount of a polypeptide, an effective amount of the polynucleotide, an effective amount of an antibody or antigen-binding fragment an antigen-presenting cell that expresses a polypeptide where the antigen-presenting cell is a dendritic cell, a biological sample treated by a method of the invention. or an isolated cell population prepared by a method of the invention. The pharmaceutical compositions and vaccines of the invention are also used for inhibiting the development of cancer. Methods are also provided for diagnosing cancer and also monitoring the progression of cancer. Current therapies of cancer are based on the combination of chemotherapy or surgery or radiation which prove to be inadequate in many patients. This invention provides effective vaccines and compositions which may be used in therapy. The compositions also provide early diagnostic procedures. The present sequence represents the amino acid sequence of a human lung tumour protein.	
XX	SQ	Sequence 144 AA;	
Query Match 100.0%; Score 784; DB 8; Length 144;			
Best Local Similarity 100.0%; Pred. No. 2.2e-85;			
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;			

Qy	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLPIHA	60	
Db	1	MAFTFAAFCYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNTLNPLVLYLPIHA	60	
Qy	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW	120	
Db	61	FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW	120	
Qy	121	CKLAFYLLAFFYLYGMIYLVSS	144	
Db	121	CKLAFYLLAFFYLYGMIYLVSS	144	
RESULT 109				
ADD78093	ID	ADD78093 standard; protein; 144 AA.		
XX	AC	ADD78093;		
XX	DT	29-JAN-2004 (first entry)		
XX	DE	Novel human secreted and transmembrane protein PRO181.		
XX	KW	human; secreted and transmembrane protein; PRO; cytostatic; vulnerary; antiarthritic; pericyte cell proliferation; chondrocyte cell proliferation; pericyte cell differentiation; chondrocyte cell proliferation; chondrocyte cell differentiation; tumour necrosis factor alpha release; (TNF)-alpha release; dermal fibroblast cell proliferation; dermal fibroblast cell differentiation inhibitor; tumour; lung tumour; colon tumour; breast tumour; prostate tumour; rectal tumour; liver tumour; tissue typing; chromosome mapping; gene mapping; gene therapy.		
XX	OS	Homo sapiens.		
XX	PN	US2003100731-A1.		
XX	PD	29-MAY-2003.		
XX	PF	28-AUG-2002; 2002US-00230234.		
XX	PR	01-JUN-2001; 2001WO-US017800.		
PR	29-JUN-2001; 2001WO-US021066.			
PR	09-APR-2002; 2002US-00119480.			
XX	PA	(GETH ) GENENTECH INC.		
XX	PI	Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ; Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;		
XX	DR	WPI; 2004-008981/01.		
DR	N-PSDB; ADD78092.			
XX	PT	New PRO polypeptide and nucleic acid useful for gene therapy, chromosome identification, tissue typing, or as hybridization probes in chromosome and gene mapping.		
XX	PS	Claim 11; SEQ ID NO 120; 308pp; English.		
XX	CC	The invention describes an isolated PRO (secreted and transmembrane) polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are useful for stimulating the proliferation of or gene expression in pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful for stimulating the proliferation or differentiation of chondrocyte cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide are useful for stimulating the release of tumour necrosis factor (TNF)-alpha from human blood. PRO982, PRO357, PRO725, PRO1419, PRO214, PRO247, PRO337, PRO526, PRO531, PRO1083, PRO840, PRO1080, PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1309, PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1274, PRO1412, PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1340, PRO1338, PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1567,		

CC PRO1887, PRO1928, PRO3431, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
  
Qy 1 MAFTFAAFYVMALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
Db 1 MAFTFAAFYVMALLTAALFFAIWHIIAFDELKTDYKNPIDQNTLNPLVPEYLIIHA 60  
  
Qy 61 FFCVNFCAEAWLTGLNPLLAYHIWYMRPVMGSLYDPTIMNADILAYCQKEGW 120  
Db 61 FFCVNFCAEAWLTGLNPLLAYHIWYMRPVMGSLYDPTIMNADILAYCQKEGW 120  
  
Qy 121 CKLAFYLLAFFYLYGMYLVVSS 144  
Db 121 CKLAFYLLAFFYLYGMYLVVSS 144  
  
RESULT 110  
ADE89757  
ID ADE89757 standard; protein; 144 AA.  
XX  
AC ADE89757;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Human secreted/transmembrane protein, PRO181.  
XX  
KW Human; secreted protein; transmembrane protein; PRO; cytostatic;  
KW opthalmological; antiarthritic; osteopathic; antirheumatic; vulneryary;  
KW auditory; tumour growth; retinal disorder; sports-related joint problem;  
KW articular cartilage defects; osteoarthritis; rheumatoid arthritis;  
KW wound healing; hearing loss.  
XX  
OS Homo sapiens.  
XX  
FN US2003130181-A1.  
XX  
PD 10-JUL-2003.  
XX  
PF 16-OCT-2001; 2001US-00978375.  
XX  
PR 17-OCT-1997; 97US-0062250P.  
PR 03-NOV-1997; 97US-0064249P.  
PR 13-NOV-1997; 97US-0065311P.  
PR 21-NOV-1997; 97US-0066364P.  
PR 10-MAR-1998; 98US-0077450P.  
PR 11-MAR-1998; 98US-0077632P.  
PR 11-MAR-1998; 98US-0077641P.  
  
PR 11-MAR-1998; 98US-0077649P.  
PR 12-MAR-1998; 98US-0077791P.  
PR 13-MAR-1998; 98US-0078004P.  
PR 20-MAR-1998; 98US-0078886P.  
PR 20-MAR-1998; 98US-0078910P.  
PR 20-MAR-1998; 98US-0078936P.  
PR 20-MAR-1998; 98US-0078939P.  
PR 25-MAR-1998; 98US-0079294P.  
PR 26-MAR-1998; 98US-0079656P.  
PR 27-MAR-1998; 98US-0079663P.  
PR 27-MAR-1998; 98US-0079669P.  
PR 27-MAR-1998; 98US-0079728P.  
PR 27-MAR-1998; 98US-0079786P.  
PR 30-MAR-1998; 98US-0079920P.  
PR 30-MAR-1998; 98US-0079923P.  
PR 31-MAR-1998; 98US-0080105P.  
PR 31-MAR-1998; 98US-0080107P.  
PR 31-MAR-1998; 98US-0080156P.  
PR 31-MAR-1998; 98US-0080194P.  
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PR 01-APR-1998; 98US-0080328P.  
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PR 29-APR-1998; 98US-0083495P.  
PR 29-APR-1998; 98US-0083496P.  
PR 29-APR-1998; 98US-0083499P.  
PR 29-APR-1998; 98US-0083500P.  
PR 29-APR-1998; 98US-0083545P.  
PR 29-APR-1998; 98US-0083554P.  
PR 29-APR-1998; 98US-0083558P.  
PR 29-APR-1998; 98US-0083559P.  
PR 30-APR-1998; 98US-0083742P.  
PR 05-MAY-1998; 98US-0084366P.  
PR 06-MAY-1998; 98US-0084414P.  
PR 06-MAY-1998; 98US-0084441P.  
PR 07-MAY-1998; 98US-0084588P.  
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PR 07-MAY-1998; 98US-0084637P.  
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PR 07-OCT-1998; 98US-0102114P.
PR 20-NOV-1998; 98US-0109304P.
PR 22-DEC-1998; 98US-0113296P.
PR 23-DEC-1998; 98US-0113621P.
PR 05-JAN-1999; 98US-0113621P.
PR 08-MAR-1999; 98US-0113621P.
PR 10-MAR-1999; 98US-0113621P.
PR 12-MAR-1999; 98US-0113621P.
PR 29-MAR-1999; 98US-0113621P.
PR 21-APR-1999; 98US-0113621P.
PR 26-APR-1999; 98US-0113621P.
PR 28-APR-1999; 98US-0113621P.
PR 14-MAY-1999; 98US-0113621P.
PR 02-JUN-1999; 98US-0113621P.
PR 16-JUN-1999; 98US-0113621P.
PR 23-JUN-1999; 98US-0113621P.
PR 07-JUL-1999; 98US-0113621P.
PR 26-JUL-1999; 98US-0113621P.
PR 28-JUL-1999; 98US-0113621P.
PR 29-OCT-1999; 98US-0113621P.
PR 30-NOV-1999; 98US-0113621P.
PR 02-DEC-1999; 98US-0113621P.
PR 02-DEC-1999; 98US-0113621P.
PR 16-DEC-1999; 98US-0113621P.
PR 30-DEC-1999; 98US-0113621P.
PR 05-JAN-2000; 98US-0113621P.
PR 06-JAN-2000; 98US-0113621P.
PR 11-FEB-2000; 98US-0113621P.
PR 18-FEB-2000; 98US-0113621P.
PR 24-FEB-2000; 98US-0113621P.
PR 02-MAR-2000; 98US-0113621P.
PR 10-MAR-2000; 98US-0113621P.
PR 21-MAR-2000; 98US-0113621P.
PR 30-MAR-2000; 98US-0113621P.
PR 17-MAY-2000; 98US-0113621P.
PR 22-MAY-2000; 98US-0113621P.
PR 30-MAY-2000; 98US-0113621P.
PR 02-JUN-2000; 98US-0113621P.
PR 28-JUL-2000; 98US-0113621P.
PR 24-AUG-2000; 98US-0113621P.
PR 01-DEC-2000; 98US-0113621P.
PR 20-DEC-2000; 98US-0113621P.
PR 28-FEB-2001; 98US-0113621P.
PR 25-MAY-2001; 98US-0113621P.
PR 01-JUN-2001; 98US-0113621P.
PR 20-JUN-2001; 98US-0113621P.
PR 29-JUN-2001; 98US-0113621P.
PR 09-JUL-2001; 98US-0113621P.
PR 30-JUL-2001; 98US-0113621P.
PR (ASHK/) ASHKENAZI A J.
PR (BAKE/) BAKER K P.
PR (BOTS/) BOTSTEIN D.
PA (DESN/) DESNOYERS L.
PA (EATO/) EATON D L.
PA (FERR/) FERRARA N.
PA (FILV/) FILVAROFF E.
PA (FONG/) FONG S.
PA (GAOW/) GAO W.
PA (GERB/) GERBER H.
PA (GERR/) GERRITSEN M E.
PA (GODD/) GODDARD A.
PA (GODO/) GODOWSKI P J.
PA (GIRM/) GIRMALDI J C.
PA (GURN/) GURNEY A L.
PA (HILL/) HILLAN K J.
PA (KLJA/) KLJAVIN I J.
PA (KUOS/) KUO S S.
PA (NAPI/) NAPIER M A.
PA (PANG/) PAN J.
PA (PAON/) PAONI N F.
PA (ROYM/) ROY M A.
PA (SHEL/) SHELTON D L.
PA (STEW/) STEWART T A.
PA (TUMA/) TUMAS D.
PA (WILL/) WILLIAMS P M.
PA (WOOD/) WOOD W I.
XX
Query Match 100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MAFTFAAFCCYMLALLTAALIFFAIMHIIAFDELKTDYKPKIDOCNTLNPLVLEYLIHA 60
DB 1 MAFTFAAFCCYMLALLTAALIFFAIMHIIAFDELKTDYKPKIDOCNTLNPLVLEYLIHA 60
QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTIMNADILAYCQEGW 120
DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMRPVMGSLYDPTTIMNADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYLVSS 144
RESULT 111
ADD77601
ID ADD77601 standard; protein; 144 AA.
XX ADD77601;
XX 29-JAN-2004 (first entry)
DE Novel human secreted and transmembrane protein PRO181.
XX human; secreted and transmembrane protein; PRO; cytostatic; vulnery;
KW antiarthritic; pericyte cell proliferation;
KW pericyte cell differentiation; chondrocyte cell proliferation;
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;
KW (TNF)-alpha release; dermal fibroblast cell proliferation;
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
KW colon tumour; breast tumour; prostate tumour; rectal tumour;
KW liver tumour; tissue typing; chromosome mapping; gene mapping;
KW gene therapy.
XX Homo sapiens.
XX OS
XX US2003100729-A1.
XX PN
XX 29-MAY-2003.
XX PD
XX 28-AUG-2002; 2002US-00230113.
XX PF
XX 01-JUN-2001; 2001WO-US017800.
XX PR
XX 29-JUN-2001; 2001WO-US021066.
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PR 09-APR-2002; 2002US-00119480.  
PA (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI: 2004-008979/01.  
DR N-PSDB; ADD77600.  
XX  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
PT in gene therapy, or for preparing a medicament for treating a condition  
PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
PT cancer.  
XX  
XX Claim 11; SEQ ID NO 120; 308pp; English.  
XX  
XX The invention describes an isolated PRO (secreted and transmembrane)  
CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
CC useful for stimulating the proliferation of or gene expression in  
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
CC for stimulating the proliferation or differentiation of chondrocyte  
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1309,  
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVLPVYLIIHA 60  
Db 1 MAFTFAFCVMAALLTAALIFFAIWHIIAFDELKIDYKNPIDQCNTNPLVLPVYLIIHA 60  
QY 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCQCKG 120  
Db 61 FFCVMFLCAEWLTGLNMPLLAYHIWYMSRPVMSGPGLYDPTTINNADILAYCQCKG 120  
QY 121 CKLAFYLLAFYLYLGYIYLVSS 144  
Db 121 CKLAFYLLAFYLYLGYIYLVSS 144  
RESULT 112

ADD77847  
ID ADD77847 standard; protein; 144 AA.  
XX  
AC ADD77847;  
XX  
DT 29-JAN-2004 (first entry)  
XX  
DE Novel human secreted and transmembrane protein PRO181.  
XX  
KW human; secreted and transmembrane protein; PRO; cytostatic; vulnerary;  
KW antiarthritic; pericyte cell proliferation;  
KW pericyte cell differentiation; chondrocyte cell proliferation;  
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
KW gene therapy.  
XX  
XX Homo sapiens.  
OS  
PN US2003100730-A1.  
XX  
PD 29-MAY-2003.  
XX  
PF 28-AUG-2002; 2002US-00230183.  
XX  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX  
PA (GETH ) GENENTECH INC.  
XX  
PI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
DR WPI: 2004-008980/01.  
DR N-PSDB; ADD77846.  
XX  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
PT in gene therapy, or for preparing a medicament for treating a condition  
PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
PT cancer.  
XX  
XX Claim 11; SEQ ID NO 120; 308pp; English.  
XX  
XX The invention describes an isolated PRO (secreted and transmembrane)  
CC polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
CC useful for stimulating the proliferation of or gene expression in  
CC pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
CC for stimulating the proliferation or differentiation of chondrocyte  
CC cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
CC are useful for stimulating the release of tumour necrosis factor (TNF)-  
CC alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
CC PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1309,  
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
CC stimulating the proliferation of normal human dermal fibroblasts cells.  
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
CC are useful for detecting the presence of tumour in a mammal which  
CC involves comparing the level of expression of the above PRO polypeptides  
CC in a test sample of cells taken from the mammal, and a control sample of  
CC normal cells of the same cell type, where a higher level of expression of  
CC the PRO polypeptides in the test sample as compared to the control sample  
CC is indicative of the presence of tumour in the mammal. The tumour is lung  
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
CC liver tumour. (I) is useful as molecular weight markers, for tissue  
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
CC for generating transgenic animals or knock-out animals which are useful  
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
CC sport injuries). This is the amino acid sequence of a human secreted and  
CC transmembrane PRO polypeptide.  
XX  
SQ Sequence 144 AA;



CC liver tumour. (I) is useful as molecular weight markers, for tissue  
 CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 CC useful for chromosome and gene mapping or gene therapy. (II) is useful  
 CC for generating transgenic animals or knock-out animals which are useful  
 CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 CC sport injuries). This is the amino acid sequence of a human secreted and  
 CC transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 113

ADD85305  
 ID ADD85305 standard; protein; 144 AA.

AC ADD85305;

DT 29-JAN-2004 (first entry)

DE Novel human secreted and transmembrane protein PRO181.

KW human; secreted and transmembrane protein; PRO; cytostatic; vulnery;  
 KW antiarthritic; pericyte cell proliferation;  
 KW chondrocyte cell differentiation; chondrocyte cell proliferation;  
 KW chondrocyte cell differentiation; tumour necrosis factor alpha release;  
 KW (TNF)-alpha release; dermal fibroblast cell proliferation;  
 KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;  
 KW colon tumour; breast tumour; prostate tumour; rectal tumour;  
 KW liver tumour; tissue typing; chromosome mapping; gene mapping;  
 KW gene therapy.

XX Homo sapiens.

XX US2003100725-A1.

XX 29-MAY-2003.

XX 26-AUG-2002; 2002US-00227876.

XX 15-SEP-2000; 2000US-0232887P.

XX 01-JUN-2001; 2001WO-US017800.

XX 29-JUN-2001; 2001WO-US021066.

XX 09-APR-2002; 2002US-00119480.

XX (GETH ) GENENTECH INC.

XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PU;  
 XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
 XX WPI; 2004-008975/01.

XX N-PSDB; ADD85304.

XX New secreted and transmembrane PRO polypeptide useful for preparing a  
 XX medicament for treating a condition that is responsive to the PRO  
 XX polypeptide or anti-PRO antibody, e.g. cancer.

BS

Claim 11; SEQ ID NO 120; 308pp; English.

XX

The invention describes an isolated PRO (secreted and transmembrane)  
 polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
 useful for stimulating the proliferation of or gene expression in  
 pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
 for stimulating the proliferation or differentiation of chondrocyte  
 cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
 are useful for stimulating the release of tumour necrosis factor (TNF)-  
 alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO144,  
 PRO247, PRO337, PRO526, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
 PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
 PRO1025, PRO1181, PRO1266, PRO1186, PRO1192, PRO1244, PRO1412,  
 PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
 PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
 PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4344, PRO4322,  
 PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
 stimulating the proliferation of normal human dermal fibroblasts cells.  
 PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
 PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
 inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
 polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
 are useful for detecting the presence of tumour in a mammal which  
 involves comparing the level of expression of the above PRO polypeptides  
 in a test sample of cells taken from the mammal, and a control sample of  
 normal cells of the same cell type, where a higher level of expression of  
 the PRO polypeptides in the test sample as compared to the control sample  
 is indicative of the presence of tumour in the mammal. The tumour is lung  
 tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
 liver tumour. (I) is useful as molecular weight markers, for tissue  
 typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
 useful for chromosome and gene mapping or gene therapy. (II) is useful  
 for generating transgenic animals or knock-out animals which are useful  
 screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
 is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
 sport injuries). This is the amino acid sequence of a human secreted and  
 transmembrane PRO polypeptide.

XX Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60  
 DB 1 MAFTFAAFCYMALALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWRYMSRPVMSGPGLYDPTTIMNADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 114

ADD73837  
 ID ADD73837 standard; protein; 144 AA.

XX ADD73837;

XX 29-JAN-2004 (first entry)

XX Human PRO polypeptide #60.

KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.



```
OS Homo sapiens.
XX US2003100710-A1.
XX 29-MAY-2003.
XX 09-AUG-2002; 2002US-00216164.
XX 05-JUN-2000; 2000US-0209832P.
XX 15-SEP-2000; 2000US-0232887P.
XX 01-JUN-2001; 2001WO-US017800.
XX 29-JUN-2001; 2001WO-US021066.
XX 09-APR-2002; 2002US-00119480.
XX (GETH ) GENENTECH INC.
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX WPI; 2004-008960/01.
XX N-PSDB; ADD73836.
XX New secreted and transmembrane PRO polypeptide useful for preparing a
XX medicament for treating a condition that is responsive to the PRO
XX polypeptide or anti-PRO antibody, e.g. cancer.
XX Claim 11; Fig 120; 309pp; English.
XX The invention relates to human PRO polypeptides (secreted and
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,
XX diagnostics, biosensors or bioreactors. They are particularly useful for
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human
XX chondrocyte cells, for stimulating the proliferation or differentiation of
XX expression in pericyte cells or for stimulating the proliferation of
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as
XX hybridisation probes, in chromosome and gene mapping, in generating
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant
XX technology, in generating transgenic animals or knock-out animals which
XX may be used in the development and screening of therapeutically useful
XX reagents, in gene therapy, in chromosome identification, as chromosome
XX markers and in generating probes. The PRO polypeptides, or anti-PRO
XX antibodies, are useful for preparing a medicament for treating a
XX condition which is responsive to the PRO polypeptides or anti-PRO
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-
XX differentiation of chondrocytes. The PRO polypeptides are useful as
XX molecular markers for protein electrophoresis, and in tissue typing. This
XX sequence represents a human PRO polypeptide of the invention. Note: The
XX sequence data for this patent is also available in electronic format at
XX seqdata.uspto.gov/sequence.html.
XX Sequence 144 AA;
XX
XX Query March
XX Best Local Similarity 100.0%; Score 784; DB 8; Length 144;
XX Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
XX
XX 1 MAFTFAAFPCYMLALLTAAALFFAIWHIAFDELKDYKNPIDQNTLNPLVLYLHA 60
XX 1 MAFTFAAFPCYMLALLTAAALFFAIWHIAFDELKDYKNPIDQNTLNPLVLYLHA 60
XX
XX 61 FFCWFELCAEWLTLGLNWPFLAHYIWMYMRPVMWSGPLYDPTIMNADILAYCOKEGW 120
XX 61 FFCWFELCAEWLTLGLNWPFLAHYIWMYMRPVMWSGPLYDPTIMNADILAYCOKEGW 120
XX
XX 121 CKLAFYLLAFYYLYGMIVLVSS 144
XX 121 CKLAFYLLAFYYLYGMIVLVSS 144
```

RESULT 115  
ADD74575  
ID ADD74575 standard; protein; 144 AA.  
XX AC ADD74575;  
XX 29-JAN-2004 (first entry)  
XX Human PRO polypeptide #60.  
XX Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
XX cancer; lung; colon; breast; prostate; liver;  
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
XX arthritis; sports injury; cytostatic; antiarthritic.  
XX OS Homo sapiens.  
XX US2003100713-A1.  
XX 29-MAY-2003.  
XX 13-AUG-2002; 2002US-00219065.  
XX 25-JUL-2000; 2000US-0220638P.  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI; 2004-008963/01.  
XX N-PSDB; ADD74574.  
XX New secreted and transmembrane PRO polypeptide useful for preparing a  
XX medicament for treating a condition that is responsive to the PRO  
XX polypeptide or anti-PRO antibody, e.g. cancer.  
XX Claim 11; Fig 120; 308pp; English.  
XX The invention relates to human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX diagnostics, biosensors or bioreactors. They are particularly useful for  
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
XX prostate tumour, rectal tumour or liver tumour) in a mammal, for  
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX chondrocyte cells, for stimulating the proliferation or differentiation of  
XX expression in pericyte cells or for stimulating the proliferation of  
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX technology, in generating transgenic animals or knock-out animals which  
XX may be used in the development and screening of therapeutically useful  
XX reagents, in gene therapy, in chromosome identification, as chromosome  
XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX antibodies, are useful for preparing a medicament for treating a  
XX condition which is responsive to the PRO polypeptides or anti-PRO  
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
XX differentiation of chondrocytes. The PRO polypeptides are useful as  
XX molecular markers for protein electrophoresis, and in tissue typing. This  
XX sequence represents a human PRO polypeptide of the invention. Note: The  
XX sequence data for this patent can also be obtained in electronic format  
XX directly from USPTO at seqdata.uspto.gov/sequence.html.  
XX Sequence 144 AA;

```

Query Match      100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120

QY 121 CKLAFLYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFLYLLAFFYLYGMIYVLVSS 144

RESULT 116
ADD77103
ID ADD77103 standard; protein; 144 AA.
XX
AC ADD77103;
XX
DT 29-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO181.
XX
KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;
KW antiarthritic; pericyte cell proliferation;
KW chondrocyte cell differentiation; chondrocyte cell proliferation;
KW (TNF)-alpha release; dermal fibroblast cell proliferation; lung tumour;
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
KW colon tumour; breast tumour; prostate tumour; rectal tumour;
KW liver tumour; tissue typing; chromosome mapping; gene mapping;
KW gene therapy.
XX
OS Homo sapiens.
XX
PN US2003100716-A1.
XX
PD 29-MAY-2003.
XX
PF 13-AUG-2002; 2002US-00219077.
XX
PR 01-JUN-2001; 2001WO-US017800.
XX
PR 29-JUN-2001; 2001WO-US021066.
XX
PR 09-APR-2002; 2002US-00119480.
XX
FA (GETH ) GENENTECH INC.
XX
PI Baker KD, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;
PI Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;
XX
XX WPI; 2004-008966/01.
XX
DR N-ESDB; ADD77102.
XX
XX
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful
XX in gene therapy, or for preparing a medicament for treating a condition
XX PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.
XX cancer.
XX
XX Claim 11; SEQ ID NO 120; 308pp; English.
XX
XX The invention describes an isolated PRO (secreted and transmembrane)
XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are
XX useful for stimulating the proliferation of c: gene expression in
XX pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful
XX for stimulating the proliferation or differentiation of chondrocyte
XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide
XX are useful for stimulating the release of tumour necrosis factor (TNF)-
XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,
XX PRO247, PRO337, PRO526, PRO363, PRO531, PRO1093, PRO940, PRO1080,

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CC PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,
CC PRO1025, PRO1181, PRO1126, PRO1186, PRO1192, PRO1244, PRO1274, PRO1412,
CC PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,
CC PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,
CC PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO3444, PRO4322,
CC PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for
CC stimulating the proliferation of normal human dermal fibroblasts cells.
CC PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,
CC PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for
CC inhibiting the proliferation of normal human dermal fibroblast cells. PRO
CC polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,
CC are useful for detecting the presence of tumour in a mammal which
CC involves comparing the level of expression of the above PRO polypeptides
CC in a test sample of cells taken from the mammal, and a control sample of
CC normal cells of the same cell type, where a higher level of expression of
CC the PRO polypeptides in the test sample as compared to the control sample
CC is indicative of the presence of tumour in the mammal. The tumour is lung
CC tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or
CC liver tumour. (I) is useful as molecular weight markers, for tissue
CC typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is
CC useful for chromosome and gene mapping or gene therapy. (II) is useful
CC for generating transgenic animals or knock-out animals which are useful
CC screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide
CC is useful for treating bone and/or cartilage disorders (e.g., arthritis,
CC sport injuries). This is the amino acid sequence of a human secreted and
CC transmembrane PRO polypeptide.
XX
SQ Sequence 144 AA;

```

```

Query Match      100.0%; Score 784; DB 8; Length 144;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60
DB 1 MAFTFAAFCYMLALLTAALFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLPYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120
DB 61 FFCVMFLCAAEWLTGLNMLLAYHIWYMSRPMVSGPGLYDPTIMNADILAYCQKEGW 120

QY 121 CKLAFLYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFLYLLAFFYLYGMIYVLVSS 144

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RESULT 117
ADD85797
ID ADD85797 standard; protein; 144 AA.
XX
AC ADD85797;
XX
DT 29-JAN-2004 (first entry)
XX
DE Novel human secreted and transmembrane protein PRO181.
XX
KW human; secreted and transmembrane protein; PRO; cytostatic; vulnary;
KW antiarthritic; pericyte cell proliferation;
KW chondrocyte cell differentiation; chondrocyte cell proliferation;
KW chondrocyte cell differentiation; tumour necrosis factor alpha release;
KW (TNF)-alpha release; dermal fibroblast cell proliferation;
KW dermal fibroblast cell differentiation inhibitor; tumour; lung tumour;
KW colon tumour; breast tumour; prostate tumour; rectal tumour;
KW liver tumour; tissue typing; chromosome mapping; gene mapping;
KW gene therapy.
XX
OS Homo sapiens.
XX
PN US2003100720-A1.
XX
PD 29-MAY-2003.
XX
PF 14-AUG-2002; 2002US-00219471.

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XX 18-NOV-1998; 98US-0108849P.  
PR 01-SEP-1999; 99WO-US020111.  
PR 01-JUN-2001; 2001WO-US017800.  
PR 29-JUN-2001; 2001WO-US021066.  
PR 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI; 2004-008970/01.  
XX N-PSDB; ADD85796.  
XX New secreted and transmembrane PRO polypeptide useful for preparing a  
XX medicament for treating a condition that is responsive to the PRO  
XX polypeptide or anti-PRO antibody, e.g. cancer.  
XX Claim 11; SEQ ID NO 120; 308pp; English.  
XX  
XX The invention describes an isolated PRO (secreted and transmembrane)  
XX polypeptide (I). PRO982, PRO1160, PRO1187 or PRO1329 polypeptide are  
XX useful for stimulating the proliferation of or gene expression in  
XX pericyte cells. PRO357, PRO229, PRO1272 or PRO4405 polypeptide are useful  
XX for stimulating the proliferation or differentiation of chondrocyte  
XX cells. PRO231, PRO357, PRO725, PRO1155, PRO1306 or PRO1419 polypeptide  
XX are useful for stimulating the release of tumour necrosis factor (TNF)-  
XX alpha from human blood. PRO982, PRO357, PRO725, PRO1306, PRO1419, PRO214,  
XX PRO247, PRO337, PRO826, PRO363, PRO531, PRO1083, PRO840, PRO1080,  
XX PRO1478, PRO1134, PRO826, PRO1005, PRO809, PRO1071, PRO1411, PRO1309,  
XX PRO1025, PRO1181, PRO1126, PRO1186, PRO1127, PRO1244, PRO1412,  
XX PRO1286, PRO1330, PRO1347, PRO1305, PRO1273, PRO1279, PRO1340, PRO1338,  
XX PRO1343, PRO1376, PRO1387, PRO1409, PRO1474, PRO1917, PRO1760, PRO1567,  
XX PRO1887, PRO1928, PRO4341, PRO1801, PRO4333, PRO3543, PRO4322,  
XX PRO9940, PRO6079, PRO9836 or PRO10096 polypeptide are useful for  
XX stimulating the proliferation of normal human dermal fibroblasts cells.  
XX PRO181, PRO229, PRO788, PRO1194, PRO1272, PRO1488, PRO4302, PRO4408,  
XX PRO5723, PRO5725, PRO7154, or PRO7425 polypeptide are useful for  
XX inhibiting the proliferation of normal human dermal fibroblast cells. PRO  
XX polypeptides such as PRO6004, PRO4981, PRO7174, PRO5778, PRO4332, etc.,  
XX are useful for detecting the presence of tumour in a mammal which  
XX involves comparing the level of expression of the above PRO polypeptides  
XX in a test sample of cells taken from the mammal, and a control sample of  
XX normal cells of the same cell type, where a higher level of expression of  
XX the PRO polypeptides in the test sample as compared to the control sample  
XX is indicative of the presence of tumour in the mammal. The tumour is lung  
XX tumour, colon tumour, breast tumour, prostate tumour, rectal tumour or  
XX liver tumour. (I) is useful as molecular weight markers, for tissue  
XX typing, or as therapeutic agents. A polynucleotide (II) encoding (I) is  
XX useful for chromosome and gene mapping or gene therapy. (II) is useful  
XX for generating transgenic animals or knock-out animals which are useful  
XX screening useful reagents. PRO357, PRO229, PRO1272 or PRO4405 polypeptide  
XX is useful for treating bone and/or cartilage disorders (e.g., arthritis,  
XX sport injuries). This is the amino acid sequence of a human secreted and  
XX transmembrane PRO polypeptide.  
XX Sequence 144 AA;  
Query Match 100.0%; Score 784; DB 8; Length 144;  
Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
QY 1 MAFTFAFCYMLALLTLTAALIFFAIWHIAFDELKDYKNPIDQCNTLNPLVPEYLHA 60  
DB 1 MAFTFAFCYMLALLTLTAALIFFAIWHIAFDELKDYKNPIDQCNTLNPLVPEYLHA 60  
QY 61 FFCVWFLCAAEWLTGLNMPLLAYHWRYSRPFVMSGPGLYDPTTMMADILAYCQKGM 120  
DB 61 FFCVWFLCAAEWLTGLNMPLLAYHWRYSRPFVMSGPGLYDPTTMMADILAYCQKGM 120  
QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
|||||

Db 121 CKLAFYLLAFFYLYGMIVLVSS 144  
RESULT 118  
ADE05346  
ID ADE05346 standard; protein; 144 AA.  
XX ADE05346;  
XX ADE05346;  
XX 29-JAN-2004 (first entry)  
DE Human PRO polypeptide #60.  
XX Human; PRO: secreted polypeptide; transmembrane polypeptide; tumour;  
XX cancer; lung; colon; breast; prostate; rectum; liver;  
XX tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
XX pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
XX arthritis; sports injury; cytostatic; antiarthritic.  
XX Homo sapiens.  
XX OS  
XX US2003100723-A1.  
XX 29-MAY-2003.  
XX 13-AUG-2002; 2002US-00219482.  
XX 26-JUL-2000; 2000US-0220893P.  
XX 01-JUN-2001; 2001WO-US017800.  
XX 29-JUN-2001; 2001WO-US021066.  
XX 09-APR-2002; 2002US-00119480.  
XX (GETH ) GENENTECH INC.  
XX Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
XX Grimaldi JC, Gurney AL, Smith V, Stephan JF, Watanabe CK, Wood WI;  
XX WPI; 2004-008973/01.  
XX N-PSDB; ADE05345.  
XX New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
XX in gene therapy, or for preparing a medicament for treating a condition  
XX that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
XX cancer.  
XX Claim 11; Fig 120; 308pp; English.  
XX The invention relates to human PRO polypeptides (secreted and  
XX transmembrane polypeptides) and the PRO polynucleotides encoding them.  
XX The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
XX diagnostics, biosensors or bioreactors. They are particularly useful for  
XX detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
XX prostate tumour, rectal tumour or liver tumour) in a mammal for  
XX stimulating the release of tumour necrosis factor (TNF)-alpha from human  
XX blood, for stimulating the proliferation or differentiation of  
XX chondrocyte cells, for stimulating the proliferation of or gene  
XX expression in pericyte cells or for stimulating the proliferation of  
XX normal human dermal fibroblasts. The PRO nucleic acids are useful as  
XX hybridisation probes, in chromosome and gene mapping, in generating  
XX antisense RNA and DNA, in preparing PRO polypeptides by recombinant  
XX technology, in generating transgenic animals or knock-out animals which  
XX may be used in the development and screening of therapeutically useful  
XX reagents, in gene therapy, in chromosome identification, as chromosome  
XX markers and in generating probes. The PRO polypeptides, or anti-PRO  
XX antibodies, are useful for preparing a medicament for treating a  
XX condition which is responsive to the PRO polypeptides or anti-PRO  
XX antibodies, such as pericyte-associated tumours and bone and/or cartilage  
XX disorders (e.g. arthritis, sports injuries), involving inducing the re-  
XX differentiation of chondrocytes. The PRO polypeptides are useful as  
XX molecular markers for protein electrophoresis, and in tissue typing. This  
XX sequence represents a human PRO polypeptide of the invention.  
XX Sequence 144 AA;  
SQ

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 DB 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 119  
 ADD74821  
 ID ADD74821 standard; protein; 144 AA.  
 XX  
 AC ADD74821;  
 XX  
 DT 29-JAN-2004 (first entry)  
 XX  
 DE Human PRO polypeptide #60.  
 XX  
 KW Human; PRO; secreted polypeptide; transmembrane polypeptide; tumour;  
 KW cancer; lung; colon; breast; prostate; rectum; liver;  
 KW tumour necrosis factor-alpha; TNF-alpha; blood; chondrocyte cell;  
 KW pericyte cell; dermal fibroblast; bone disorder; cartilage disorder;  
 KW arthritis; sports injury; cytostatic; antiarthritic.  
 XX  
 OS Homo sapiens.  
 XX  
 FN US2003100724-A1.  
 XX  
 PD 29-MAY-2003.  
 XX  
 PF 26-AUG-2002; 2002US-00227874.  
 XX  
 PR 01-MAR-2001; 2001WO-US006666.  
 PR 09-APR-2002; 2002US-00119480.  
 XX  
 PA (GETH ) GENENTECH INC.  
 XX  
 FI Baker KP, Desnoyers L, Gerritsen ME, Goddard A, Godowski PJ;  
 FI Grimaldi JC, Gurney AL, Smith V, Stephen JF, Watanabe CK, Wood WT;  
 XX  
 DR WPI; 2004-008974/01.  
 DR N-PSDB; ADD74820.  
 XX  
 PT New secreted and transmembrane PRO polypeptides and nucleic acids, useful  
 PT in gene therapy, or for preparing a medicament for treating a condition  
 PT that is responsive to the PRO polypeptide or anti-PRO antibody, e.g.  
 cancer.  
 XX  
 PS Claim 11; Fig 120; 309pp; English.  
 XX  
 CC The invention relates to human PRO polypeptides (secreted and  
 CC transmembrane polypeptides) and the PRO polynucleotides encoding them.  
 CC The PRO polypeptides and polynucleotides are useful as pharmaceuticals,  
 CC diagnostics, biosensors or bioreactors. They are particularly useful for  
 CC detecting tumours (e.g. lung tumour, colon tumour, breast tumour,  
 CC prostate tumour, rectal tumour or liver tumour) in a mammal, for  
 CC stimulating the release of tumour necrosis factor (TNF)-alpha from human  
 CC blood, for stimulating the proliferation or differentiation of  
 CC chondrocyte cells, for stimulating the proliferation of or gene  
 CC expression in pericyte cells or for stimulating the proliferation of  
 CC normal human dermal fibroblasts. The PRO nucleic acids are useful as  
 CC hybridisation probes, in chromosome and gene mapping, in generating  
 CC antisense RNA and DNA, in preparing PRO polypeptides by recombinant

CC technology, in generating transgenic animals or knock-out animals which  
 CC may be used in the development and screening of therapeutically useful  
 CC reagents, in gene therapy, in chromosome identification, as chromosome  
 CC markers and in generating probes. The PRO polypeptides, or anti-PRO  
 CC antibodies, are useful for preparing a medicament for treating a  
 CC condition which is responsive to the PRO polypeptides or anti-PRO  
 CC antibodies, such as pericyte-associated tumours and bone and/or cartilage  
 CC disorders (e.g. arthritis, sports injuries), involving inducing the re-  
 CC differentiation of chondrocytes. The PRO polypeptides are useful as  
 CC molecular markers for protein electrophoresis, and in tissue typing. This  
 CC sequence represents a human PRO polypeptide of the invention. Note: The  
 CC sequence data for this patent can also be obtained in electronic format  
 CC directly from USPTO at seqdata.uspto.gov/sequence.html.  
 XX  
 SQ Sequence 144 AA;

Query Match 100.0%; Score 784; DB 8; Length 144;  
 Best Local Similarity 100.0%; Pred. No. 2.2e-85;  
 Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60  
 DB 1 MAFTFAAFYMLALLTAALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVPEYLIHA 60

QY 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120  
 DB 61 FFCVMFLCAAEWLTGLNMPLLAYHIWYMSRPVMSGPLYDPTTINADILAYCQKEGW 120

QY 121 CKLAFYLLAFFYLYGMIVLVSS 144  
 DB 121 CKLAFYLLAFFYLYGMIVLVSS 144

RESULT 120  
 AAY04316  
 ID AAY04316 standard; protein; 145 AA.  
 XX  
 AC AAY04316;  
 XX  
 DT 18-JUN-1999 (first entry)  
 XX  
 DE Human secreted protein encoded by gene 24.  
 XX  
 KW Human; secreted protein; cancer; tumour; developmental abnormality;  
 KW foetal deficiency; blood disorder; immune system disorder; inflammation;  
 KW autoimmune disease; allergy; Alzheimer's disease; cognitive disorder;  
 KW schizophrenia; arthritis; asthma; psoriasis; sepsis; skin disorder;  
 KW atherosclerosis; diabetes; cardiovascular disorder; kidney disorder;  
 KW digestive disorder; endocrine disorder; infection; AIDS.  
 XX  
 OS Homo sapiens.  
 XX  
 FN WO9910363-A1.  
 XX  
 PD 04-MAR-1999.  
 XX  
 PF 27-AUG-1998; 98WO-US017709.  
 XX  
 PR 29-AUG-1997; 97US-0056073P.  
 PR 29-AUG-1997; 97US-0056247P.  
 PR 29-AUG-1997; 97US-0056270P.  
 PR 29-AUG-1997; 97US-0056271P.  
 XX  
 PA (HUMA-) HUMAN GENOME SCI INC.  
 XX  
 PI Ruben SM, Rosen CA, Fan P, Kyaw H, Wei YF;  
 XX  
 DR WPI; 1999-190585/16.  
 DR N-PSDB; AAX30168.  
 XX  
 PT New isolated human genes and the secreted polypeptides they encode -  
 PT useful for diagnosis and treatment of e.g. cancers, neurological  
 PT disorders, immune diseases, inflammation or blood disorders.

```
XX PS Claim 11; Page 158; 170pp; English.
XX CC AAX30145 to AAX30173 represent 29 isolated human secreted protein genes.
XX CC AAX04293 to AAX04321 represent the secreted proteins encoded by the 29
XX CC human genes. The genes and their corresponding secreted polypeptides are
XX CC useful for preventing, treating or ameliorating medical conditions, e.g.
XX CC by protein or gene therapy. Also pathological conditions can be diagnosed
XX CC by determining the amount of the new polypeptides in a sample or by
XX CC determining the presence of mutations in the new genes. Specific uses are
XX CC described for each of the 29 genes, based on which tissues they are most
XX CC highly expressed in, and include developing products for the diagnosis or
XX CC treatment of cancer, tumours, developmental abnormalities and foetal
XX CC deficiencies, blood disorders, diseases of the immune system, autoimmune
XX CC diseases, inflammation, allergies, Alzheimer's and cognitive disorders,
XX CC schizophrenia, arthritis, asthma, psoriasis, sepsis, skin disorders,
XX CC atherosclerosis, diabetes, cardiovascular disorders, kidney disorders,
XX CC digestive/endocrine disorders, infections and AIDS. The polypeptides are
XX CC also useful for identifying their binding partners. The sequences given
XX CC in AAX30174 to AAX30182 and AAX04322 to AAX04334 are used in the
XX CC exemplification of the present invention
XX SQ Sequence 145 AA;

Query Match 100.0%; Score 784; DB 2; Length 145;
Best Local Similarity 100.0%; Pred. No. 2.2e-85;
Matches 144; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MAFTAAFCYMLALLLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
DB 1 MAFTAAFCYMLALLLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHA 60
QY 61 FFCVMFLCAEWTGLGNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQEGW 120
DB 61 FFCVMFLCAEWTGLGNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQEGW 120
QY 121 CKLAFYLLAFFYLYGMIYVLVSS 144
DB 121 CKLAFYLLAFFYLYGMIYVLVSS 144

RESULT 121
AAY53622
ID AAY53622 standard; protein; 142 AA.
XX AC AAY53622;
XX DT 22-FEB-2000 (first entry)
XX DE A bone marrow secreted protein designated hCornichon.
XX KW Bone marrow secreted protein; bone marrow stromal cell; cytokine;
XX KW cell proliferation; cell differentiation; hematopoiesis; anaemia;
XX KW myeloid cell deficiency; lymphoid cell deficiency; myeloid cell;
XX KW erythroid progenitor cell; colony stimulating factor; granulocyte;
XX KW monocyte; macrophage; myelo-suppression; megakaryocyte; platelet;
XX KW platelet disorder; thrombocytopenia; hematopoietic stem cell;
XX KW stem cell disorder; aplastic anaemia; bone differentiation;
XX KW paroxysmal nocturnal hemoglobinuria; bone growth; cartilage; tendon;
XX KW ligament; nerve; wound healing; tissue repair; burn; incision; ulcer;
XX KW bone fracture; cartilage damage; artificial joint.
XX OS Homo sapiens.
XX FH Key Location/Qualifiers
XX FT Peptide 1..28
XX FT /note= "signal peptide"
XX PN WO9933979-A2.
XX PD 08-JUL-1999.
XX PF 18-DEC-1998; 98WO-US027008.
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XX PR 30-DEC-1997; 97US-0068958P.
XX PR 24-SEP-1998; 98US-0101603P.
XX PR 30-SEP-1998; 98US-0102540P.
XX CC (CHIR ) CHIRON CORP.
XX PI Lin H, Cao L;
XX DR WPI; 2000-038344/03.
XX DR N-PSDB; AAZ36228.
XX PT New isolated human polynucleotide and secreted proteins can induce
XX PT production of other cytokines in certain cell populations.
XX PS Claim 2; Page 71; 120pp; English.
XX CC AAY53622-43 represent bone marrow secreted proteins of human bone marrow
XX CC stromal cells. The proteins can exhibit cytokine, cell proliferation, or
XX CC cell differentiation activity (either inducing or inhibiting). They can
XX CC be used to support colony forming cells or factor-dependent cell lines,
XX CC to regulate hematopoiesis, and to treat myeloid or lymphoid cell
XX CC deficiencies. In addition, they may be used to support the growth and
XX CC proliferation of erythroid progenitor cells, and to treat various
XX CC anaemias. They can have colony stimulating factor (CSF) activity and can
XX CC be used to support the growth and proliferation of myeloid cells such as
XX CC granulocytes, monocytes or macrophages, to prevent or treat myelo-
XX CC suppression, to support the growth and proliferation of megakaryocytes
XX CC and platelets, thereby allowing prevention or treatment of platelet
XX CC disorders such as thrombocytopenia, to support the growth and
XX CC proliferation of hematopoietic stem cells, either in place of or in
XX CC conjunction with platelet transfusions, to treat stem cell disorders,
XX CC such as aplastic anaemia and paroxysmal nocturnal hemoglobinuria, or to
XX CC repopulate the stem cell compartment after irradiation or chemotherapy.
XX CC They can be used for growth or differentiation of bone, cartilage,
XX CC tendon, ligament, or nerve tissue, as well as for wound healing and
XX CC tissue repair and replacement, and in the treatment of burns, incisions
XX CC and ulcers, to induce cartilage and/or bone growth in circumstances where
XX CC bone is not normally formed and thus have an application in healing bone
XX CC fractures and cartilage damage or defects, prophylactic use in fracture
XX CC reduction and also in the improved fixation of artificial joints
XX SQ Sequence 142 AA;

Query Match 98.9%; Score 775; DB 3; Length 142;
Best Local Similarity 100.0%; Pred. No. 2.6e-84;
Matches 142; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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DB 1 FTFAAFCYMLALLLTALIFFAIWHIIAFDELKTDYKNPIDQCNLTNPLVLYLHAFF 60
QY 63 CVMFLCAEWTGLGNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQEGWCK 122
DB 61 CVMFLCAEWTGLGNMPLLAYHWRVMSRPMVSGPGLYDPTTINMADILAYCQEGWCK 120
QY 123 LAFYLLAFFYLYGMIYVLVSS 144
DB 121 LAFYLLAFFYLYGMIYVLVSS 142

Search completed: June 14, 2004, 20:35:01
Job time : 98 secs
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GenCore version 5.1.6  
 Copyright (c) 1993 - 2004 Compugen Ltd.

OM nucleic - nucleic search, using sw model

Run on: June 14, 2004, 17:53:11 ; Search time 604 Seconds  
 (without alignments)  
 10073.657 Million cell updates/sec

Title: US-09-978-298A-321  
 Perfect score: 1333  
 Sequence: 1 gccacgcgtccgatggcgt.....aaactctgaaattaagactc 1333

Scoring table: IDENTITY\_NUC  
 Gapop 10.0 , Gapext 1.0

Searched: 2998549 seqs, 2282253817 residues

Total number of hits satisfying chosen parameters: 208

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 80%

Maximum Match 100%

Listing first 65000 summaries

#### Database :

Published Applications NA:\*

- 1: /cgn2\_6/ptodata/2/pubpna/PCT\_NEW\_PUB.seq.\*
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- 19: /cgn2\_6/ptodata/2/pubpna/US60\_PUBCOMB.seq.\*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

#### SUMMARIES

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156	1333	100.0	1333	15	US-10-218-765-119	Sequence 119, App							
157	1333	100.0	1333	15	US-10-219-063-119	Sequence 119, App							
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US-09-978-295A-321

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Sequence 32



APPLICANT: Hillan, Kenneth J  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2830PIC11  
CURRENT APPLICATION NUMBER: US/09/978,295A  
CURRENT FILING DATE: 2001-10-15  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
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;; PRIOR APPLICATION NUMBER: 60/085697

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RESULT 2  
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; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen

APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavlin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
FILE REFERENCE: P2630PIC27  
CURRENT APPLICATION NUMBER: US/09/978,697  
CURRENT FILING DATE: 2001-10-16  
PRIOR APPLICATION NUMBER: 09/918585  
PRIOR FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
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; PRIOR APPLICATION NUMBER: 60/085582  
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 9; Length 1333;  
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DB 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCAGCAAGATCTGTGCCAGAGTAGC 540  
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DB 601 TTTTGTCTGTGGAAGAGCTTTTTCATATGTTTATATCTCAGATAAAGATTTTAAATGTTAT 660  
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RESULT 3  
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; Sequence 321, Application US/09978192A  
; Patent No. US20020177553A1

## GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi  
APPLICANT: Baker Kevin P.  
APPLICANT: Botstein, David  
APPLICANT: Desnoyers, Luc  
APPLICANT: Eaton, Dan  
APPLICANT: Ferrara, Napoleon  
APPLICANT: Filvaroff, Ellen  
APPLICANT: Fong, Sherman  
APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kljavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Sheiton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.

## TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

## TITLE OF INVENTION: Acids Encoding the Same

## FILE REFERENCE: P2630F1C9

## CURRENT APPLICATION NUMBER: US/09/978,192A

## CURRENT FILING DATE: 2001-10-15

## PRIOR APPLICATION NUMBER: 09/918585

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51 PRIOR FILING DATE: 1998-05-15  
52 PRIOR APPLICATION NUMBER: 60/085697

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; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Deanoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C3
; CURRENT APPLICATION NUMBER: US/09/999,832A
; CURRENT FILING DATE: 2001-10-24
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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; PRIOR APPLICATION NUMBER: 60/082796
; PRIOR FILING DATE: 1998-04-23
; PRIOR APPLICATION NUMBER: 60/083336
; PRIOR FILING DATE: 1998-04-27
; PRIOR APPLICATION NUMBER: 60/083322
; PRIOR FILING DATE: 1998-04-28
; PRIOR APPLICATION NUMBER: 60/083392
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1 PRIOR FILING DATE: 1998-04-29  
2 PRIOR APPLICATION NUMBER: 60/083495  
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4 PRIOR APPLICATION NUMBER: 60/083496  
5 PRIOR FILING DATE: 1998-04-29  
6 PRIOR APPLICATION NUMBER: 60/083499  
7 PRIOR FILING DATE: 1998-04-29  
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17 PRIOR FILING DATE: 1998-04-29  
18 PRIOR APPLICATION NUMBER: 60/083742  
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39 PRIOR FILING DATE: 1998-05-07  
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58 PRIOR APPLICATION NUMBER: 60/085704  
59 PRIOR FILING DATE: 1998-05-15  
60 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 9; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;  
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Db 1 GCCACGCTCCGATGGCGTTCACGTTCCGCGCCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
QY 61 CACTGCCGCTCATCTTCTTCCCATTTGGCACATTATAGCATTTGATGAGCTGAAGAC 120  
Db 61 CACTGCCGCTCATCTTCTTCCCATTTGGCACATTATAGCATTTGATGAGCTGAAGAC 120

QY 121 TGATTACAAGAAATCCTATAGACCAGTGTAAATACCOCTGAATCCCCTTGTTACTCCCAAGATA 180  
Db 121 TGATTACAAGAAATCCTATAGACCAGTGTAAATACCOCTGAATCCCCTTGTTACTCCCAAGATA 180  
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Db 181 CCTCATCCACGCTTCTCTCTGTCATGTTCTTTGTGTCAGCAGAGTGGCTTACACTGGG 240  
QY 241 TCTCAATATGCCCTCTTTGGCATATCATATTTGGAGGTATATAGTAGTACACAGTATGAG 300  
Db 241 TCTCAATATGCCCTCTTTGGCATATCATATTTGGAGGTATATAGTAGTACACAGTATGAG 300  
QY 301 TGGCCAGGACTCTATGACCCCTTACCAACCATCATGAATCAGATATTTCTAGCATATTTGCA 360  
Db 301 TGGCCAGGACTCTATGACCCCTTACCAACCATCATGAATCAGATATTTCTAGCATATTTGCA 360  
QY 361 GAAGGAAGGATGGTGCATAATTTAGCTTTTCTCTCTAGCATTTTCTTACTACCTATATGG 420  
Db 361 GAAGGAAGGATGGTGCATAATTTAGCTTTTCTCTCTAGCATTTTCTTACTACCTATATGG 420  
QY 421 CATGATCTATGTTTGTGAGCTCTTAGAACCAACACACAGAGAAATTTGGTCCAGTTAAGT 480  
Db 421 CATGATCTATGTTTGTGAGCTCTTAGAACCAACACACAGAGAAATTTGGTCCAGTTAAGT 480  
QY 481 GCATGCAAAAAGCCACCAATTTGAGGGATTTCTATCCAGCAAGATCCTGTCCAAGAGTAGC 540  
Db 481 GCATGCAAAAAGCCACCAATTTGAGGGATTTCTATCCAGCAAGATCCTGTCCAAGAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTACTTTAAAAAATGACTCTCTTTTAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTACTTTAAAAAATGACTCTCTTTTAAATGTTTCCACAT 600  
QY 601 TTTTGTGTTGGAAGACTGTTTTCATATGTTTATCTCAGATAAAGATTTTAAATGGTAT 660  
Db 601 TTTTGTGTTGGAAGACTGTTTTCATATGTTTATCTCAGATAAAGATTTTAAATGGTAT 660  
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QY 721 TTAAGGAACAGCCATAATCTCTGAATGATGATTAATTAATCTGACTGCTCTAGTACATG 780  
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QY 781 GAAGCTTTTGTATAGGAACTGTGAGGGCTCATTTTGGTTCATGAAACAGATATCTAA 840  
Db 781 GAAGCTTTTGTATAGGAACTGTGAGGGCTCATTTTGGTTCATGAAACAGATATCTAA 840  
QY 841 TTATAAATTAGCTGTAGATATCAGGTGCTTCTGATGAAGTGAATGATATCTGACATG 900  
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QY 1021 GAGAGATTTCCCATATTTCCCATCAGAGTAATAATATATCTTGTCTTAAATCTTAAAGATA 1080  
Db 1021 GAGAGATTTCCCATATTTCCCATCAGAGTAATAATATATCTTGTCTTAAATCTTAAAGATA 1080  
QY 1081 AGTAAACATGATATAAAAATATATCTGGAATTAATCTGTGAAGAATGCAATTTAAAGCTATT 1140  
Db 1081 AGTAAACATGATATAAAAATATATCTGGAATTAATCTGTGAAGAATGCAATTTAAAGCTATT 1140  
QY 1141 TTAATGTTTTTATTTTGAAGACATTTACTTATTAAGAAATGGTATTTATGCTTACTG 1200  
Db 1141 TTAATGTTTTTATTTTGAAGACATTTACTTATTAAGAAATGGTATTTATGCTTACTG 1200  
QY 1201 TTCTAATCTGCTGTTAAAGGTATTTCTTAAAGAAATTTGCAAGTACTACAGATTTTCAAACT 1260

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QY      1321  GAAATTAAGACTC 1333
Db      1321  GAAATTAAGACTC 1333

RESULT 5
US-09-978-189-321
; Sequence 321, Application US/09978189
; Publication No. US20030004102A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kijavlin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630P1C7
; CURRENT APPLICATION NUMBER: US/09/978,189
; CURRENT FILING DATE: 2001-10-15
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/064249
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63 PRIOR FILING DATE: 1998-05-15  
64 PRIOR APPLICATION NUMBER: 60/085573  
65 PRIOR FILING DATE: 1998-05-15  
66 PRIOR APPLICATION NUMBER: 60/085704  
67 PRIOR FILING DATE: 1998-05-15  
68 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;

Best Local Similarity 100.0%; Pred. No. 1.8e-303; Indels 0; Gaps 0; Mismatches 0; Matches 1333; Conservative 0;

QY 1 GCCCAGCGTCCGATGGGTTTCACGTTGCGGGCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
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DB 241 TCTCAATATGCCCTCTTGGCCATATCATATTTGGAGGTATATAGTAGAGACAGTGTAGAG 300  
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DB 301 TGGCCAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATTTGTCA 360  
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QY 421 CATGATCTATCTTTTGTGAGCTCTTAGAAACAACACACAGAGAATTTGGTCCAGTAAAT 480  
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QY 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTCCAGAGTAGC 540  
DB 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTCCAGAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTACTTTTAAAAAATGACTCCCTTATTTTAAATGTTTCCACAT 600  
DB 541 CTGTGGAATCTGATCAGTTACTTTTAAAAAATGACTCCCTTATTTTAAATGTTTCCACAT 600  
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DB 601 TTTTGTCTTGTGGAAGACTGTTTTATATGTTTATATCTCAGATAAAGATTTTAAATGGTAT 660  
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DB 661 TACGTATAAATTAATATAAATGATTAAGTAACTCTGCTGTTGACAGTTGAACTTCACATTC 720  
QY 721 TTAAGGAAACAGCCATAATCCTCTGAATGATGCAATTAATTAATGATGATGATGATGATG 780  
DB 721 TTAAGGAAACAGCCATAATCCTCTGAATGATGCAATTAATTAATGATGATGATGATGATG 780  
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DB 781 GAAGCTTTTGTATAGGAACTTTGAGGGCTCATTTTGGTTTCAATGAAACAGATATCTAA 840  
QY 841 TTATAAATAGCTGTAGATATCAGTGCTCTGATGAAGTGAATGATATATCTGACTAG 900  
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Qy 1261 GAATGAGAGAAAATTTGATAACCATCTGCTGTGTTTCTTTAGTGCATTAACATAAACTCT 1320  
Db 1261 GAATGAGAGAAAATTTGATAACCATCTGCTGTGTTTCTTTAGTGCATTAACATAAACTCT 1320  
Qy 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

## RESULT 6

US-09-978-608A-321

; Sequence 321, Application US/09978608A

; Publication No. US20030045462A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Baton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C22

; CURRENT APPLICATION NUMBER: US/09/978,608A

; CURRENT FILING DATE: 2001-10-16

; NUMBER OF SEQ ID NOS: 624

; Prior Application removed - See File Wrapper or Palm

; SEQ ID NO 321

; LENGTH: 1333

; TYPE: DNA

; ORGANISM: Homo sapiens

US-09-978-608A-321

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGCGTCCGATGCGCTTACGTTTCGGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Db 1 GCCACGCGTCCGATGCGCTTACGTTTCGGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60

Qy 61 CACTCGCGGCTCATCTTCTTCGCCATTTGGCACATTAAGCATTTGATGAGCTGAAGAC 120  
Db 61 CACTCGCGGCTCATCTTCTTCGCCATTTGGCACATTAAGCATTTGATGAGCTGAAGAC 120  
Qy 121 TGATTACAAGAAATCCTATAGACCAAGTGTAAATACCTGAAATCCCTTGTACTCCACAGTA 180  
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Qy 181 CCTCATCCAGGCTTCTTCTGTCTCAATGTTTCTTGTGCAAGAGAGTGGCTTAACATGGG 240  
Db 181 CCTCATCCAGGCTTCTTCTGTCTCAATGTTTCTTGTGCAAGAGAGTGGCTTAACATGGG 240  
Qy 241 TCTCAATATGCCCTCTTTCGCATATCATATTTGGAGGTATATCAGTAGACCATGATGAG 300  
Db 241 TCTCAATATGCCCTCTTTCGCATATCATATTTGGAGGTATATCAGTAGACCATGATGAG 300  
Qy 301 TGGCCCGAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATTTGTC 360  
Db 301 TGGCCCGAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATTTGTC 360  
Qy 361 GAAGGAAGGATGCTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTCTACCTATATGG 420  
Db 361 GAAGGAAGGATGCTGCAAAATAGCTTTTATCTTCTAGCATTTTCTTCTACCTATATGG 420  
Qy 421 CATGATCTATGTTTGTGAGCTCTTAGAACCAACACACAGAGAAATTTGGTCCAGTTAAAT 480  
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Qy 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTGTCCAAAGATAGC 540  
Db 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCTCTGTCCAAAGATAGC 540  
Qy 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGATCTCTTATTTTAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTACTTTAAAAATGATCTCTTATTTTAAATGTTTCCACAT 600  
Qy 601 TTTTGTCTGTGGAAGACACTGTTTTCATATGTTATCTCAGATAAGAAATTTTAAATGTTAT 660  
Db 601 TTTTGTCTGTGGAAGACACTGTTTTCATATGTTATCTCAGATAAGAAATTTTAAATGTTAT 660  
Qy 661 TAGCTATAAATTAATATAAATGATTAACCTCTGGTGTGACAGGTTTGAACCTTGCACTTC 720  
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Qy 721 TTAAGGAACAGCCATTAATCTCTGATGATGATTAATTAATTAATTAATTAATTAATTAAT 780  
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Qy 781 GAAGCTTTTGTATAGGAACCTTGTAGGCTCAATTTTGGTTCATTTGAAACAGTATCTAA 840  
Db 781 GAAGCTTTTGTATAGGAACCTTGTAGGCTCAATTTTGGTTCATTTGAAACAGTATCTAA 840  
Qy 841 TTATAAATTAAGCTGTGATATCAGTGTCTTCTGATGAAGTGAAGTGAAGTGAAGTGAAGT 900  
Db 841 TTATAAATTAAGCTGTGATATCAGTGTCTTCTGATGAAGTGAAGTGAAGTGAAGTGAAGT 900  
Qy 901 TGGGAACCTCATGGCTTTCCTCATCTGTCATGCTCCATGATATATATATATATATATATAT 960  
Db 901 TGGGAACCTCATGGCTTTCCTCATCTGTCATGCTCCATGATATATATATATATATATATAT 960  
Qy 961 AAAAATAAAGGCGGAAATTTTCCCTTCGCTTGAATATATATCCCTGTATATTCATGAAT 1020  
Db 961 AAAAATAAAGGCGGAAATTTTCCCTTCGCTTGAATATATATCCCTGTATATTCATGAAT 1020  
Qy 1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTCTTAAATTTCTTAAAGATA 1080  
Db 1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTCTTAAATTTCTTAAAGATA 1080  
Qy 1081 AGTAAACATGATATAAATAATATATGCTGAATTTCTTGTGAAGTGAAGTGAAGTGAAGT 1140  
Db 1081 AGTAAACATGATATAAATAATATATGCTGAATTTCTTGTGAAGTGAAGTGAAGTGAAGT 1140  
Qy 1141 TTAATGTTGTTTAAATTTGTAAGACATTAATTAAGAAATTTGGTTTATTTATGCTTACTG 1200

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Db 1141 TTAATGCTGTTTATTTTGTAAAGACTTACTTATTAAGAAATGGTTATATGCTTACTG 1200
Qy 1201 TTCTAATCTGGTGAAGGTATTTCTTAAGAAATTTGCGAGTACTACAGATTTTCAAACT 1260
Db 1201 TTCTAATCTGGTGAAGGTATTTCTTAAGAAATTTGCGAGTACTACAGATTTTCAAACT 1260
Qy 1261 GAATGAGAGAAAATGTAATACGATCTGCTGCTTTAGTGGCAATACAAATAAACTCT 1320
Db 1261 GAATGAGAGAAAATGTAATACCACTGCTGCTGCTTTAGTGGCAATACAAATAAACTCT 1320
Qy 1321 GAAATTAAGACTC 1333
Db 1321 GAAATTAAGACTC 1333

RESULT 7
US-09-978-585A-321
; Sequence 321, Application US/09978585A
; Publication No. US20030049633A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630PIC15
; CURRENT APPLICATION NUMBER: US/09/978,585A
; CURRENT FILING DATE: 2001-10-16
; NUMBER OF SEQ ID NOS: 624
; Prior Application removed - See File Wrapper or Palm
; SEQ ID NO 321
; LENGTH: 1333
; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-978-585A-321

Query Match 100.0%; Score 1333; DB 10; Length 1333;
Best Local Similarity 100.0%; Pred. No. 1.8e-303;
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGGCTCGATGGGCTTCCAGTTCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60
Db 1 GCCACGGCTCGATGGGCTTCCAGTTCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60
Qy 61 CACTCGCGGCTCATCTTCTCGCCATTGGCACATTATAGCAATTTGATGAGCTGAAGAC 120
Db 61 CACTCGCGGCTCATCTTCTCGCCATTGGCACATTATAGCAATTTGATGAGCTGAAGAC 120
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Db 1201 TTCTAATGCTGGTAAGGTATCTTAAGAAATTCGAGGTACTACAGATTTTCAAACT 1260  
QY 1261 GAATGAGAGAAAATTGATAACCATCTGCTGTTCTTTAGTGCATAATAAACTCT 1320  
Db 1261 GAATGAGAGAAAATTGATAACCATCTGCTGTTCTTTAGTGCATAATAAACTCT 1320  
QY 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

## RESULT 8

US-09-978-191A-321

; Sequence 321, Application US/09978191A

; Publication No. US20030050239A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi

; APPLICANT: Baker Kevin P.

; APPLICANT: Botstein, David

; APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

; APPLICANT: Ferrara, Napoleon

; APPLICANT: Filvaroff, Ellen

; APPLICANT: Fong, Sherman

; APPLICANT: Gao, Wei-Qiang

; APPLICANT: Gerber, Hanspeter

; APPLICANT: Gerritsen, Mary E.

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.

; APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A.

; APPLICANT: Pan, James;

; APPLICANT: Paoni, Nicholas F.

; APPLICANT: Roy, Margaret Ann

; APPLICANT: Shelton, David L.

; APPLICANT: Stewart, Timothy A.

; APPLICANT: Tumas, Daniel

; APPLICANT: Williams, P. Mickey

; APPLICANT: Wood, William I

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic

; TITLE OF INVENTION: Acids Encoding the Same

; FILE REFERENCE: P2630P1C4

; CURRENT APPLICATION NUMBER: US/09/978,191A

; CURRENT FILING DATE: 2001-10-15

; PRIOR APPLICATION NUMBER: 09/918585

; PRIOR FILING DATE: 2001-07-30

; PRIOR APPLICATION NUMBER: 60/062250

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/064249

; PRIOR FILING DATE: 1997-11-03

; PRIOR APPLICATION NUMBER: 60/065311

; PRIOR FILING DATE: 1997-11-13

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; PRIOR FILING DATE: 1997-11-21

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; PRIOR FILING DATE: 1998-03-13

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; PRIOR FILING DATE: 1998-03-20

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/ PRIOR APPLICATION NUMBER: 60/085573  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085704  
/ PRIOR FILING DATE: 1998-05-15  
/ PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;

Best Local Similarity 100.0%; Pred. No. 1.e-303;

Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCCACGCGTCCGATGGCGTTCA CGTTCCGGGCCCTTCTGCTACATGCTGGCGCTCCTGCT 60  
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1 GCCACGCGTCCGATGGCGTTCA CGTTCCGGGCCCTTCTGCTACATGCTGGCGCTCCTGCT 60  
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61 CACTGCCGCGCTCATCTTCTTCGGCCATTTGSCACATTAAGCATTTGATGAGCTGAAGAC 120  
QY 121 TGATTACAAGAAATCCTATAGACCAGTGTAAATACCCCTGAATCCCTTGTACTCCCAAGATA 180  
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QY 181 CCTCATCCACGCTTCTTCCTGTCATGTTTCTTGTGTCAGCAGAGTGGCTTACACTGGG 240  
DB |||||  
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241 TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGAGTACACAGTGTATGAG 300  
QY 301 TGGCCCGAGACTCTATGACCCCTACAAACCATCATGAATCAGATATTTCTAGCATATTTGTC 360  
DB |||||  
301 TGGCCCGAGACTCTATGACCCCTACAAACCATCATGAATCAGATATTTCTAGCATATTTGTC 360  
QY 361 GAAGGAAGGATGGTGCAAACTAGCTTTTATCTTCTAGCATTTTCTTACTACCTATATGG 420  
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361 GAAGGAAGGATGGTGCAAACTAGCTTTTATCTTCTAGCATTTTCTTACTACCTATATGG 420  
QY 421 CATGATCTATGTTTGTGAGCTCTTAGAAACAAACACACAGAGAATTTGGTCCAGTAAAGT 480  
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421 CATGATCTATGTTTGTGAGCTCTTAGAAACAAACACACAGAGAATTTGGTCCAGTAAAGT 480  
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481 GCATGCAAAAAGCCACCAATGAAGGGATTTCTATCAGCAAGATCCTGTCCAAGAGTAGC 540  
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601 TTTTCTTGTGGAAGACTGTTTTCATATGTTATATCTCAGATAAAGATTTTAAATGGTAT 660  
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721 TTAAGGAACAGCCATAATCCTCTGAATGATGATTAATTAATGATGCTCTAGTACATTTG 780  
QY 781 GAAGCTTTTGTATAGGAACCTTGTAGGGCTCATTTGGTGTGACAGGTTTGAACCTTGACATTC 840  
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781 GAAGCTTTTGTATAGGAACCTTGTAGGGCTCATTTGGTGTGACAGGTTTGAACCTTGACATTC 840  
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DB |||||  
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QY 1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTCTTAAATCTTAAAGCATA 1080  
DB |||||  
1021 GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATATCTTCTTAAATCTTAAAGCATA 1080  
QY 1081 AGTAAACATGATATAAAAAATATATCTGTAATTTACTGTGTAAGAAATGCAATTTAAAGCTATT 1140

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Db 1081 ||||| ACTAAACATGATATAAAATATATGCTGAATTACTTGTGAAGATGCAATTAAGCTATT 1140
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RESULT 9
US-09-978-403A-321
; Sequence 321, Application US/09978403A
; Publication No. US20030050240A1
; GENERAL INFORMATION:
; APPLICANT: Ashkenazi, Avi
; APPLICANT: Baker Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan
; APPLICANT: Ferrara, Napoleon
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerber, Hanspeter
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J
; APPLICANT: Kljavin, Ivar J.
; APPLICANT: Kuo, Sophia S.
; APPLICANT: Napier, Mary A.
; APPLICANT: Pan, James;
; APPLICANT: Paoni, Nicholas F.
; APPLICANT: Roy, Margaret Ann
; APPLICANT: Shelton, David L.
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Williams, P. Mickey
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2630F1C17
; CURRENT FILING DATE: 2002-03-19
; PRIOR APPLICATION NUMBER: 09/918585
; PRIOR FILING DATE: 2001-07-30
; PRIOR APPLICATION NUMBER: 60/062250
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RESULT 10  
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; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C25  
; CURRENT APPLICATION NUMBER: US/09/978, 564A  
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
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Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 241 TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGAGTAGACAGTGATGAG 300  
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QY 301 TGGCCAGGACTCTATGACCCCTACAACCATCATGAATGCAGATATTTCTAGCATATTGTCA 360  
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; APPLICANT: Desnoyers, Luc  
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; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; TITLE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC14  
; CURRENT APPLICATION NUMBER: US/09/978,824  
; CURRENT FILING DATE: 2001-10-17  
; PRIOR APPLICATION NUMBER: 09/918585  
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; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
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QY 481 GCATGCAAAAAGCCACCAATGAAGGATTTCTATCCAGCAAGATCCTGTGCCAAGAGTAGC 540



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Db 601 TTTTGTCTGTGGAAGACGTGTTTTCATATGTTATATCTCAGATAAGATTTTAAAGTAT 660  
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QY 1321 GAAATTAAGACTC 1333  
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## RESULT 14

US-09-918-585A-321  
; Sequence 321, Application US/09918585A  
; Publication No. US20030060406A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman

APPLICANT: Gao, Wei-Qiang  
APPLICANT: Gerber, Hanspeter  
APPLICANT: Gerritsen, Mary E.  
APPLICANT: Goddard, Audrey  
APPLICANT: Godowski, Paul J.  
APPLICANT: Grimaldi, J. Christopher  
APPLICANT: Gurney, Austin L.  
APPLICANT: Hillan, Kenneth J.  
APPLICANT: Kijavin, Ivar J.  
APPLICANT: Kuo, Sophia S.  
APPLICANT: Napier, Mary A.  
APPLICANT: Pan, James  
APPLICANT: Paoni, Nicholas F.  
APPLICANT: Roy, Margaret Ann  
APPLICANT: Shelton, David L.  
APPLICANT: Stewart, Timothy A.  
APPLICANT: Tumas, Daniel  
APPLICANT: Williams, P. Mickey  
APPLICANT: Wood, William I.  
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
TITLE OF INVENTION: Acids Encoding the Same  
FILE REFERENCE: P2630P1C1  
CURRENT APPLICATION NUMBER: US/09/918,585A  
CURRENT FILING DATE: 2001-07-30  
PRIOR APPLICATION NUMBER: 60/062250  
PRIOR FILING DATE: 1997-10-17  
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39 PRIOR APPLICATION NUMBER: 60/085704  
40 PRIOR FILING DATE: 1998-05-15  
41 PRIOR APPLICATION NUMBER: 60/085697  
42 PRIOR FILING DATE: 1998-05-15  
43 PRIOR APPLICATION NUMBER: 60/086023

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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QY 61 CACTGCCGCGCTCATCTTCTTCGCCATTGGCACATTATAGCATTTGATGAGCTGAAGAC 120  
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QY 121 TGATTACAAGAAATCCTATAGACCAAGTGAATACCCCTGAATCCCTTTGACTCCCAAGATA 180  
Db 121 TGATTACAAGAAATCCTATAGACCAAGTGAATACCCCTGAATCCCTTTGACTCCCAAGATA 180  
QY 181 CCTCATCCAGCGTTTCTTCTGTGTCACTGTTCTTTGTGTCAGCAGAGTGGCTTACACTGGG 240  
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QY 241 TCTCAATATGCCCTCTTTCGGCATATCATATTGGAGGTATATGAGTAGACAGTGTATGAG 300  
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QY 361 GAAGGAAGGATGGTGCAATTTAGCTTTTATCTTCTAGCATTTTCTTACTACCTATATGG 420

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Db 481 GCATCAAAAGCCCAATCAAGGATCTTATCCAGCAAGATCTCTGTCGAAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTTACCTTTAAATAATGACTCTTATTTTAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTTACCTTTAAATAATGACTCTTATTTTAAATGTTTCCACAT 600  
QY 601 TTTTCTGTGTGAAGACGTGTTTTCAATGTTATATCTAGATAAGATTTTAAATGGTAT 660  
Db 601 TTTTCTGTGTGAAGACGTGTTTTCAATGTTATATCTAGATAAGATTTTAAATGGTAT 660  
QY 661 TACGTATATAATTAATAAATGANTACCTCTGCTGTTGACAGGTTTGAACCTGCACATC 720  
Db 661 TACGTATATAATTAATAAATGANTACCTCTGCTGTTGACAGGTTTGAACCTGCACATC 720  
QY 721 TTAAGGAACAGCCATAATCTCTGAATGATGATTAATTAATTAATTAATTAATTAATG 780  
Db 721 TTAAGGAACAGCCATAATCTCTGAATGATGATTAATTAATTAATTAATTAATG 780  
QY 781 GAGCTTTTGTATAGGAACTTTAGGGCTCATTTGGTCTATTTGGTCTCAATTTGAACAGTAGTCTAA 840  
Db 781 GAGCTTTTGTATAGGAACTTTAGGGCTCATTTGGTCTCAATTTGAACAGTAGTCTAA 840  
QY 841 TTATAAATAGCTGTAGATATCAGGTCTCTGATGAAGTGAATGATATATGATATGATATG 900  
Db 841 TTATAAATAGCTGTAGATATCAGGTCTCTGATGAAGTGAATGATATATGATATG 900  
QY 901 TGGGAAACCTTCATGGGTTTCCCTCATCTGTCATGTCATGATGATATATGATATGATATG 960  
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QY 961 AAAATAAAAGCGGGAATTTCCCTTCCTGCTGGAATATATATCCCTGTATATGCAATG 1020  
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QY 1021 GAGAGATTTCCCATATTTCCATCAGAGTAATAATATATCTGCTTAAATTTCTTAAGCAT 1080  
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QY 1081 AGTAAACATGATATAAATAATATCTGAAATTTACCTGGAAGATGCAATTTAAAGCTATT 1140  
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QY 1321 GAAATTAAGACTC 1333  
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## RESULT 15

US-09-978-423A-321

; Sequence 321, Application US/09978423A

; Publication No. US20030069178A1

; GENERAL INFORMATION:

; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary B.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tunas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630PLC21  
; CURRENT FILING DATE: 2002-05-16  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
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;; PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGGCTCCGATGGGCTTCACGTTCCGGCCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Db 1 GCCACGGCTCCGATGGGCTTCACGTTCCGGCCCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Qy 61 CACTGCCGCTCATCTTCTTCGCCATTGGCACATTATAGCATTTGATGAGCTCAAGAC 120  
Db 61 CACTGCCGCTCATCTTCTTCGCCATTGGCACATTATAGCATTTGATGAGCTCAAGAC 120  
Qy 121 TGATTACAAGATCCCTATAGACAGTGTAAATACCCCTGTAATCCCTTGTACTCCAGAGTA 180  
Db 121 TGATTACAAGATCCCTATAGACAGTGTAAATACCCCTGTAATCCCTTGTACTCCAGAGTA 180  
Qy 181 CCTCATCACGCTTCTTCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCTGCT 240  
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Qy 241 TCTCAATATGCCCTCTTGGGCATATCATATTGGAGGTATATGAGTACCAAGTATGAG 300

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Db 481 GCATGCAAAAGCCACCAATGAGGATCTATCCAGCAGATCCTGTCCAGAGTAGC 540  
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Db 1321 GAAATTAAGACTC 1333

## RESULT 16

US-09-978-193A-321  
; Sequence 321, Application US/09978193A  
; Publication No. US20030073624A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
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; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C6  
; CURRENT APPLICATION NUMBER: US/09/978,193A  
; CURRENT FILING DATE: 2002-02-21  
; PRIOR APPLICATION NUMBER: 09/918585  
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; PRIOR APPLICATION NUMBER: 60/062250  
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31 PRIOR APPLICATION NUMBER: 60/084598  
32 PRIOR FILING DATE: 1998-05-07  
33 PRIOR APPLICATION NUMBER: 60/084600  
34 PRIOR FILING DATE: 1998-05-07  
35 PRIOR APPLICATION NUMBER: 60/084627  
36 PRIOR FILING DATE: 1998-05-07  
37 PRIOR APPLICATION NUMBER: 60/084643  
38 PRIOR FILING DATE: 1998-05-07  
39 PRIOR APPLICATION NUMBER: 60/085339  
40 PRIOR FILING DATE: 1998-05-13  
41 PRIOR APPLICATION NUMBER: 60/085338  
42 PRIOR FILING DATE: 1998-05-13  
43 PRIOR APPLICATION NUMBER: 60/085323  
44 PRIOR FILING DATE: 1998-05-13  
45 PRIOR APPLICATION NUMBER: 60/085582  
46 PRIOR FILING DATE: 1998-05-15  
47 PRIOR APPLICATION NUMBER: 60/085700  
48 PRIOR FILING DATE: 1998-05-15  
49 PRIOR APPLICATION NUMBER: 60/085689  
50 PRIOR FILING DATE: 1998-05-15  
51 PRIOR APPLICATION NUMBER: 60/085579  
52 PRIOR FILING DATE: 1998-05-15  
53 PRIOR APPLICATION NUMBER: 60/085580  
54 PRIOR FILING DATE: 1998-05-15  
55 PRIOR APPLICATION NUMBER: 60/085573  
56 PRIOR FILING DATE: 1998-05-15  
57 PRIOR APPLICATION NUMBER: 60/085704  
58 PRIOR FILING DATE: 1998-05-15  
59 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 GCCACGCGTCCGATGGCGTTCAGCTCGCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Db 1 GCCACGCGTCCGATGGCGTTCAGCTTCGCGGCGCTTCTGCTACATGCTGGCGCTGCTGCT 60  
Qy 61 CACTGCGCGCTCATCTTCTTCGCGCATTTGSCACATTATAGCATTTCATGAGCTGAAGAC 120  
Db 61 CACTGCGCGCTCATCTTCTTCGCGCATTTGSCACATTATAGCATTTCATGAGCTGAAGAC 120  
Qy 121 TGATTACAAGAAATCCTATATAGACACAGTGTAAATCCCTGAATCCCTTGTACTCCAGAGTA 180

Db 121 TGATTACAGAAATCCTAGACAGTGAATACCTGATCCCTTGATCCCGAGATA 180  
QY 181 CCTCATCCAGCTTTCTTCTGTGTGTCATGTTCTTTGTGCAGAGAGTGCTTTACACTGG 240  
Db 181 CCTCATCCAGCTTTCTTCTGTGTGTCATGTTCTTTGTGCAGAGAGTGCTTTACACTGG 240  
QY 241 TCTCAATATGCCCCCTTTGGGATATCATATTTTGGAGGTATATGATAGACCGAGTATGAG 300  
Db 241 TCTCAATATGCCCCCTTTGGGATATCATATTTTGGAGGTATATGATAGACCGAGTATGAG 300  
QY 301 TGGCCCCAGGACTCTATGACCCCTACACCAATCATGATGAGATATTTCTAGCATATTTGTC 360  
Db 301 TGGCCCCAGGACTCTATGACCCCTACACCAATCATGATGAGATATTTCTAGCATATTTGTC 360  
QY 361 GAAGGAAGATGGTGCATATGCTTTTATCTTCTAGCATTTTCTAGCATTTTCTAGCATTTG 420  
Db 361 GAAGGAAGATGGTGCATATGCTTTTATCTTCTAGCATTTTCTAGCATTTTCTAGCATTTG 420  
QY 421 CATGATCTATGTTTGGTGAAGTCTTTAGAACACACACAGAGAAATGGTCCAGTTAAGT 480  
Db 421 CATGATCTATGTTTGGTGAAGTCTTTAGAACACACACAGAGAAATGGTCCAGTTAAGT 480  
QY 481 GCATGCAAAAGCCCAAAATGAAGGATTTCTATCCAGCAAGATCTGTCCAGAGTAGG 540  
Db 481 GCATGCAAAAGCCCAAAATGAAGGATTTCTATCCAGCAAGATCTGTCCAGAGTAGG 540  
QY 541 CTGTGGAATCTGATCAGTACTTTTAAAAATGATCTCTTATTTTAAAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTACTTTTAAAAATGATCTCTTATTTTAAAAATGTTTCCACAT 600  
QY 601 TTTTGTCTGTGGAAGACTGTTTTTATATGTTTATCTCAGATAAGATTTTAAATGGTAT 660  
Db 601 TTTTGTCTGTGGAAGACTGTTTTTATATGTTTATCTCAGATAAGATTTTAAATGGTAT 660  
QY 661 TAGCTATAAATTAATAAATGATACCTCTGTTGACAGGTTTGAATCTGCACTTC 720  
Db 661 TAGCTATAAATTAATAAATGATACCTCTGTTGACAGGTTTGAATCTGCACTTC 720  
QY 721 TTAAGGAACAGCATAATCCTCTGAATGATGCAATTAATTAATGATGCTGCTAGTACATG 780  
Db 721 TTAAGGAACAGCATAATCCTCTGAATGATGCAATTAATTAATGATGCTGCTAGTACATG 780  
QY 781 GAAGCTTTTGTATAGGAATCTGAGGCTCATTTTGGTTTCAATGAAACAGATCTAA 840  
Db 781 GAAGCTTTTGTATAGGAATCTGAGGCTCATTTTGGTTTCAATGAAACAGATCTAA 840  
QY 841 TTATAAATTAGCTGATATCAGGTGCTTCTGATGAAGTGAAATGATATCTGACTAG 900  
Db 841 TTATAAATTAGCTGATATCAGGTGCTTCTGATGAAGTGAAATGATATCTGACTAG 900  
QY 901 TGGGAACCTTCATGGGTTTCTCATCTGATGCGATGATATATATGATGATACATTTAC 960  
Db 901 TGGGAACCTTCATGGGTTTCTCATCTGATGCGATGATATATATGATGATACATTTAC 960  
QY 961 AAAAATAAAGCGGGAATTTCCCTTCGCTTGAATATATCCCTGATATTTGATGAT 1020  
Db 961 AAAAATAAAGCGGGAATTTCCCTTCGCTTGAATATATCCCTGATATTTGATGAT 1020  
QY 1021 GAGAGATTTCCATATTTCCATCAGAGTAATAATATATCTGCTTTAATCTTAAAGCATA 1080  
Db 1021 GAGAGATTTCCATATTTCCATCAGAGTAATAATATATCTGCTTTAATCTTAAAGCATA 1080  
QY 1081 AGTAAACATGATATAAAATATATGCTGAAATCTTGTGAAGATGCAATTTAAAGCTATT 1140  
Db 1081 AGTAAACATGATATAAAATATATGCTGAAATCTTGTGAAGATGCAATTTAAAGCTATT 1140  
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Db 1141 TTAATGTTGTTTTTATTTGTAAGACATTTCTTATTAAGAAATGCTTATTTATGCTTACTG 1200  
QY 1201 TTCTAATCTGTGTGTAAGGATTTCTTAAAGAAATTTGAGGATCTACAGATTTTCAAACT 1260

Db 1201 TTCTAATCTGTGTGTAAGGATTTCTTAAAGAAATTTGAGGATCTACAGATTTTCAAACT 1260  
QY 1261 GAATGAGGAAATTTGATACCAATCTGCTGTTCTTTAGTGAATACAAATAAACTCT 1320  
Db 1261 GAATGAGGAAATTTGATACCAATCTGCTGTTCTTTAGTGAATACAAATAAACTCT 1320  
QY 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

RESULT 17

US-09-999-830A-321  
; Sequence 321, Application US/09999830A  
; Publication No. US20030077700A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C70  
; CURRENT APPLICATION NUMBER: US/09/999,830A  
; CURRENT FILING DATE: 2001-08-31  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/052250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
; PRIOR FILING DATE: 1998-03-10  
; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649  
; PRIOR FILING DATE: 1998-03-11  
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; PRIOR APPLICATION NUMBER: 60/078004  
; PRIOR FILING DATE: 1998-03-13  
; PRIOR APPLICATION NUMBER: 60/078886  
; PRIOR FILING DATE: 1998-03-20  
; PRIOR APPLICATION NUMBER: 60/078936

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2 PRIOR APPLICATION NUMBER: 60/078910  
3 PRIOR FILING DATE: 1998-03-20  
4 PRIOR APPLICATION NUMBER: 60/078939  
5 PRIOR FILING DATE: 1998-03-20  
6 PRIOR APPLICATION NUMBER: 60/079294  
7 PRIOR FILING DATE: 1998-03-25  
8 PRIOR APPLICATION NUMBER: 60/079656  
9 PRIOR FILING DATE: 1998-03-26  
10 PRIOR APPLICATION NUMBER: 60/079664  
11 PRIOR FILING DATE: 1998-03-27  
12 PRIOR APPLICATION NUMBER: 60/079689  
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14 PRIOR APPLICATION NUMBER: 60/079663  
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16 PRIOR APPLICATION NUMBER: 60/079728  
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19 PRIOR FILING DATE: 1998-03-27  
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21 PRIOR FILING DATE: 1998-03-30  
22 PRIOR APPLICATION NUMBER: 60/079923  
23 PRIOR FILING DATE: 1998-03-30  
24 PRIOR APPLICATION NUMBER: 60/080105  
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33 PRIOR FILING DATE: 1998-04-01  
34 PRIOR APPLICATION NUMBER: 60/080328  
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113 PRIOR FILING DATE: 1998-05-07  
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117 PRIOR FILING DATE: 1998-05-07  
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121 PRIOR FILING DATE: 1998-05-13  
122 PRIOR APPLICATION NUMBER: 60/085338  
123 PRIOR FILING DATE: 1998-05-13  
124 PRIOR APPLICATION NUMBER: 60/085323  
125 PRIOR FILING DATE: 1998-05-13  
126 PRIOR APPLICATION NUMBER: 60/085582  
127 PRIOR FILING DATE: 1998-05-15  
128 PRIOR APPLICATION NUMBER: 60/085700  
129 PRIOR FILING DATE: 1998-05-15  
130 PRIOR APPLICATION NUMBER: 60/085689  
131 PRIOR FILING DATE: 1998-05-15  
132 PRIOR APPLICATION NUMBER: 60/085579  
133 PRIOR FILING DATE: 1998-05-15  
134 PRIOR APPLICATION NUMBER: 60/085580  
135 PRIOR FILING DATE: 1998-05-15  
136 PRIOR APPLICATION NUMBER: 60/085573  
137 PRIOR FILING DATE: 1998-05-15  
138 PRIOR APPLICATION NUMBER: 60/085704  
139 PRIOR FILING DATE: 1998-05-15  
140 PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;  
Best Local Similarity 100.0%; Pred. No. 1.8e-303;  
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 GCCACGCGTCCGATGGCGTTTCAGCTTCGGCGCCTTCTGTACATGCTGGCGCTGCTGCT 60

Db 1 GCGCCAGCGTCCGATGGCGTTCACTGTCGCGCCCTTCTGCTACATCTGCTGCTGCT 60  
QY 61 CACTGCGCGCTCATCTCTTCGCGCATTTGGCACATTTATAGCATTTGATGAGCTGAAGAC 120  
Db 61 CACTGCGCGCTCATCTCTTCGCGCATTTGGCACATTTATAGCATTTGATGAGCTGAAGAC 120  
QY 121 TGATTAAGAATTCCTATAGACAGTGTAAATCCCTGAAATCCCTTGTACTCCAGAGTA 180  
Db 121 TGATTAAGAATTCCTATAGACAGTGTAAATCCCTGAAATCCCTTGTACTCCAGAGTA 180  
QY 181 CCTCATCCAGCTTCTCTCTGTGTGATGTTCTTTGTGCGAGCAGAGTGCTTACACTGGG 240  
Db 181 CCTCATCCAGCTTCTCTCTGTGTGATGTTCTTTGTGCGAGCAGAGTGCTTACACTGGG 240  
QY 241 TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGAGTAGACCACTGATGAG 300  
Db 241 TCTCAATATGCCCTCTTGGCATATCATATTTGGAGGTATATGAGTAGACCACTGATGAG 300  
QY 301 TGGCCGAGGACTCTATGACCTTACACCATCATGATGACAGATATTTCTAGCATATTTGCTCA 360  
Db 301 TGGCCGAGGACTCTATGACCTTACACCATCATGATGACAGATATTTCTAGCATATTTGCTCA 360  
QY 361 GAAGGAAGATGCTGCAAAATAGCTTTTATCTCTAGCATTTTCTTACTACTATATGG 420  
Db 361 GAAGGAAGATGCTGCAAAATAGCTTTTATCTCTAGCATTTTCTTACTACTATATGG 420  
QY 421 CATGATCTATGTTTGGTGGCTCTTGAACACACACAGAAATGGTCCAGTTAAGT 480  
Db 421 CATGATCTATGTTTGGTGGCTCTTGAACACACACAGAAATGGTCCAGTTAAGT 480  
QY 481 GCATGCAAAAAGCCCAATGAGGGATCTATCCAGCAAGATCTGTCCAGAGTAGC 540  
Db 481 GCATGCAAAAAGCCCAATGAGGGATCTATCCAGCAAGATCTGTCCAGAGTAGC 540  
QY 541 CTGTGGAATCTGATCAGTTTACTTTAAAAATGACTCTTATTTTAAAAATGTTTCCACAT 600  
Db 541 CTGTGGAATCTGATCAGTTTACTTTAAAAATGACTCTTATTTTAAAAATGTTTCCACAT 600  
QY 601 TTTTGGCTTGGGAAGACTGTTTTCATATGTTATATCTAGATCAAGATTTTAAATGGTAT 660  
Db 601 TTTTGGCTTGGGAAGACTGTTTTCATATGTTATATCTAGATCAAGATTTTAAATGGTAT 660  
QY 661 TAGCTATAATTAATAAAGACTTACCTCTGCTGTTGACAGGTTTGAATGCACTTC 720  
Db 661 TAGCTATAATTAATAAAGACTTACCTCTGCTGTTGACAGGTTTGAATGCACTTC 720  
QY 721 TTAAGGAACAGCCATAATCTCTGAATGATGCAATTAATTAATTAATTAATTAATTAATTA 780  
Db 721 TTAAGGAACAGCCATAATCTCTGAATGATGCAATTAATTAATTAATTAATTAATTAATTA 780  
QY 781 GAAGCTTTTGTATAGGAACCTGTAGGGCTCAATTTGGTTTCATTTGAACAGATCTTAA 840  
Db 781 GAAGCTTTTGTATAGGAACCTGTAGGGCTCAATTTGGTTTCATTTGAACAGATCTTAA 840  
QY 841 TTATAAATAGCTGTAGATATCAGGTGCTTCTCATGAAGTGAAGTGAAGTGAAGTGAAGTGA 900  
Db 841 TTATAAATAGCTGTAGATATCAGGTGCTTCTCATGAAGTGAAGTGAAGTGAAGTGAAGTGA 900  
QY 901 TGGGAACCTTCATGGGTTTCTCATCTGTCATGTCGATGATTAATATATATGATGATGATGAT 960  
Db 901 TGGGAACCTTCATGGGTTTCTCATCTGTCATGTCGATGATTAATATATATGATGATGATGAT 960  
QY 961 AAAAAATAAAGGGGAATTTTCCCTTCGCTTGAATTAATTAATTAATTAATTAATTAATTAAT 1020  
Db 961 AAAAAATAAAGGGGAATTTTCCCTTCGCTTGAATTAATTAATTAATTAATTAATTAATTAAT 1020  
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Db 1021 GAGAGATTTCCCATTTTCCATCCAGAGTAAATATATCTTGTAAATCTTAAATCTTAAAGCATA 1080  
QY 1081 AGTAAACATGATATAAAAAATATATGCTGAATTAATCTGTGAAGATGCAATTAAGCTATT 1140

Db 1081 AGTAAACATGATATAAAAAATATATGCTGAATTAATCTGTGAAGATGCAATTAAGCTATT 1140  
QY 1141 TTAATATGTTTATTTATTTTAAAGACATTTACTTATTAAGAAATTTGGTTATTTATGCTTACTG 1200  
Db 1141 TTAATATGTTTATTTATTTTAAAGACATTTACTTATTAAGAAATTTGGTTATTTATGCTTACTG 1200  
QY 1201 TTCTAATCTGCTGTTGTTAAAGCTATTTCTTAAGAAATTTGCGAGTACTACAGATTTTCAAACT 1260  
Db 1201 TTCTAATCTGCTGTTGTTAAAGCTATTTCTTAAGAAATTTGCGAGTACTACAGATTTTCAAACT 1260  
QY 1261 GAATGAGAGAAATTTGTATACCATCTGCTGTTCTTCTTTAGTGCATACATATAAACTCT 1320  
Db 1261 GAATGAGAGAAATTTGTATACCATCTGCTGTTCTTCTTTAGTGCATACATATAAACTCT 1320  
QY 1321 GAAATTAAGACTC 1333  
Db 1321 GAAATTAAGACTC 1333

RESULT 18  
US-09-978-757A-321  
; Sequence 321, Application US/09978757A  
; Publication No. US20030083248A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE OF INVENTION: Acids Encoding the Same  
; FILE REFERENCE: P2630PIC26  
; CURRENT APPLICATION NUMBER: US/09/978,757A  
; CURRENT FILING DATE: 2002-03-19  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364  
; PRIOR FILING DATE: 1997-11-21  
; PRIOR APPLICATION NUMBER: 60/077450  
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; PRIOR APPLICATION NUMBER: 60/077632  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077641  
; PRIOR FILING DATE: 1998-03-11  
; PRIOR APPLICATION NUMBER: 60/077649



PRIOR APPLICATION NUMBER: 60/032704	PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/032804	PRIOR FILING DATE: 1998-04-22
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PRIOR APPLICATION NUMBER: 60/033322	PRIOR FILING DATE: 1998-04-28
PRIOR APPLICATION NUMBER: 60/033392	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/033495	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/03349C	PRIOR FILING DATE: 1998-04-29
PRIOR APPLICATION NUMBER: 60/033499	PRIOR FILING DATE: 1998-04-29
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PRIOR APPLICATION NUMBER: 60/034639	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/034640	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/034598	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/034600	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/034627	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/034643	PRIOR FILING DATE: 1998-05-07
PRIOR APPLICATION NUMBER: 60/035339	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/035338	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/035323	PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/035582	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035700	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035689	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035579	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035580	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035573	PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/035704	PRIOR FILING DATE: 1998-05-15

; PRIOR FILING DATE: 1998-05-15									
; PRIOR APPLICATION NUMBER: 60/085697									
Query Match 100.0%; Score 1333; DB 10; Length 1333;									
Best Local Similarity 100.0%; Pred. No. 1.8e-303;									
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	GCCACGCGTCGATGGGTT	CAGTT	CGCGCCCTT	CTGCTAC	ATGCTGGCGCTGCTGCT	60		
DB	1	GCCACGCGTCGATGGGTT	CAGTT	CGCGCCCTT	CTGCTAC	ATGCTGGCGCTGCTGCT	60		
QY	61	CAGTCCGCGCTCATCTCT	TCGCGCATTTG	GCACATTAT	TAGCATTTG	ATGAGCTGAAGAC	120		
DB	61	CAGTCCGCGCTCATCTCT	TCGCGCATTTG	GCACATTAT	TAGCATTTG	ATGAGCTGAAGAC	120		
QY	121	TGATTACAGAAATCCTAT	GACCCAGTGTAA	ACCTGAAAT	CCCTTGTA	CTCCAGAGTA	180		
DB	121	TGATTACAGAAATCCTAT	GACCCAGTGTAA	ACCTGAAAT	CCCTTGTA	CTCCAGAGTA	180		
QY	181	CCTCATCCAGGTTTCTTC	TCTGTGTCAT	GTTCCTT	TGTCGACGAGT	GGCTTACACTGG	240		
DB	181	CCTCATCCAGGTTTCTTC	TCTGTGTCAT	GTTCCTT	TGTCGACGAGT	GGCTTACACTGG	240		
QY	241	TCTCAATATGCCCTCTT	GGCATATCAT	ATTTGGAGGTAT	TAGTACACGAGT	GATGAG	300		
DB	241	TCTCAATATGCCCTCTT	GGCATATCAT	ATTTGGAGGTAT	TAGTACACGAGT	GATGAG	300		
QY	301	TGGCCGAGGACTCTATG	ACCTTACACCAT	CATCATGAAT	GCAGATAT	TCTAGCATATGCA	360		
DB	301	TGGCCGAGGACTCTATG	ACCTTACACCAT	CATCATGAAT	GCAGATAT	TCTAGCATATGCA	360		
QY	361	GAAGGAGGATGGTGC	AAATAGCTTTT	TATCTT	TAGCATTTT	TACTACTATATGG	420		
DB	361	GAAGGAGGATGGTGC	AAATAGCTTTT	TATCTT	TAGCATTTT	TACTACTATATGG	420		
QY	421	CATGATCTATGTTTGT	GCTGAGTCTT	AGAACACAC	CACAGAGAA	TTGGTCAGTTAAT	480		
DB	421	CATGATCTATGTTTGT	GCTGAGTCTT	AGAACACAC	CACAGAGAA	TTGGTCAGTTAAT	480		
QY	481	GCATGCAAAAGCCAA	ATGAAGGATTT	CTATCCAG	CAAGATCCG	TCCAGAGTAGC	540		
DB	481	GCATGCAAAAGCCAA	ATGAAGGATTT	CTATCCAG	CAAGATCCG	TCCAGAGTAGC	540		
QY	541	CTGTGGAATCTGATC	AGTTACTTTT	AAATAGCTCT	TATTTT	TAATGTTTCCACAT	600		
DB	541	CTGTGGAATCTGATC	AGTTACTTTT	AAATAGCTCT	TATTTT	TAATGTTTCCACAT	600		
QY	601	TTTTCCTTGTGGAAG	ACTGTTTTC	ATATGTTAT	CTCATGATA	AAAGATTTTAAATGGTAT	660		
DB	601	TTTTCCTTGTGGAAG	ACTGTTTTC	ATATGTTAT	CTCATGATA	AAAGATTTTAAATGGTAT	660		
QY	661	TACGTATAAATTAAT	ATAAATGAT	TACCTCTG	GTGACAGGTT	GACAGTTGCACTTC	720		
DB	661	TACGTATAAATTAAT	ATAAATGAT	TACCTCTG	GTGACAGGTT	GACAGTTGCACTTC	720		
QY	721	TTAAGGAACGCCATA	ATCCTCTG	ATGATGAT	GAATTAAT	TACTGACTGCTCTAGTATG	780		
DB	721	TTAAGGAACGCCATA	ATCCTCTG	ATGATGAT	GAATTAAT	TACTGACTGCTCTAGTATG	780		
QY	781	GAAGCTTTTGTATGA	AGACTTGT	TAGGCTCAT	TTTGTGTTT	CAATGAAACAGTATCTAA	840		
DB	781	GAAGCTTTTGTATGA	AGACTTGT	TAGGCTCAT	TTTGTGTTT	CAATGAAACAGTATCTAA	840		
QY	841	TTATAAATAGCTGT	AGATATAC	AGGCTCT	CTGATGAAGT	GAAATGATATATCTGACTAG	900		
DB	841	TTATAAATAGCTGT	AGATATAC	AGGCTCT	CTGATGAAGT	GAAATGATATATCTGACTAG	900		
QY	901	TGGAAATCTCATGG	TTTCTCTC	TCTGATG	TCGATGAT	TATATATGATACATTAC	960		
DB	901	TGGAAATCTCATGG	TTTCTCTC	TCTGATG	TCGATGAT	TATATATGATACATTAC	960		
QY	961	AAAAATAAAGCGG	AAATTTTCC	CTTCCG	TTGAATAT	TATCCCTGTATATGTCATGAAT	1020		
DB	961	AAAAATAAAGCGG	AAATTTTCC	CTTCCG	TTGAATAT	TATCCCTGTATATGTCATGAAT	1020		

DB	961	AAAAATAAAGCGG	AAATTTTCC	CTTCCG	TTGAATAT	TATCCCTGTATATGTCATGAAT	1020		
QY	1021	GAGAGATTTCCCAT	TATTTCCAT	CAGAGTA	ATAAATA	TACTTGTCTTAAATCTTAAAGCATA	1080		
DB	1021	GAGAGATTTCCCAT	TATTTCCAT	CAGAGTA	ATAAATA	TACTTGTCTTAAATCTTAAAGCATA	1080		
QY	1081	AGTAAACATGATATA	AAAAATATAT	TGCTGAAT	TACTTGT	GAGAAATGCATTTAAAGCTATT	1140		
DB	1081	AGTAAACATGATATA	AAAAATATAT	TGCTGAAT	TACTTGT	GAGAAATGCATTTAAAGCTATT	1140		
QY	1141	TTAAATGTGTTTTAT	TTTGAAGCAT	TACTTAT	TAAAGAA	TTGGTTTATTTATGCTTACTG	1200		
DB	1141	TTAAATGTGTTTTAT	TTTGAAGCAT	TACTTAT	TAAAGAA	TTGGTTTATTTATGCTTACTG	1200		
QY	1201	TTCTAAATCTGCTG	TAAAGGTATT	CTTAAAGAA	TTTGCAGGT	TACTACAGATTTTCAAAACT	1260		
DB	1201	TTCTAAATCTGCTG	TAAAGGTATT	CTTAAAGAA	TTTGCAGGT	TACTACAGATTTTCAAAACT	1260		
QY	1261	GAATGAGAGAAAT	TGTATAC	CAATCCT	CTGCTGTT	CTTTTAGTGAATACATAAACTCT	1320		
DB	1261	GAATGAGAGAAAT	TGTATAC	CAATCCT	CTGCTGTT	CTTTTAGTGAATACATAAACTCT	1320		
QY	1321	GAATTAAGACTC	1333						
DB	1321	GAATTAAGACTC	1333						

RESULT 19  
US-09-978-187B-321  
; Sequence 321, Application US/09978187B  
; Publication No. US20030096744A1  
; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker, Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
; FILE REFERENCE: P2630P1C5  
; CURRENT APPLICATION NUMBER: US/09/978,187B  
; CURRENT FILING DATE: 2001-10-15  
; PRIOR APPLICATION NUMBER: 09/918585  
; PRIOR FILING DATE: 2001-07-30  
; PRIOR APPLICATION NUMBER: 60/062250  
; PRIOR FILING DATE: 1997-10-17  
; PRIOR APPLICATION NUMBER: 60/064249  
; PRIOR FILING DATE: 1997-11-03  
; PRIOR APPLICATION NUMBER: 60/065311  
; PRIOR FILING DATE: 1997-11-13  
; PRIOR APPLICATION NUMBER: 60/066364

1	PRIOR FILING DATE: 1997-11-21	2	PRIOR APPLICATION NUMBER: 60/081952
2	PRIOR APPLICATION NUMBER: 60/077450	3	PRIOR FILING DATE: 1998-04-15
3	PRIOR FILING DATE: 1998-03-10	4	PRIOR APPLICATION NUMBER: 60/031838
4	PRIOR APPLICATION NUMBER: 60/077632	5	PRIOR FILING DATE: 1998-04-15
5	PRIOR FILING DATE: 1998-03-11	6	PRIOR APPLICATION NUMBER: 60/082568
6	PRIOR APPLICATION NUMBER: 60/077641	7	PRIOR FILING DATE: 1998-04-21
7	PRIOR FILING DATE: 1998-03-11	8	PRIOR APPLICATION NUMBER: 60/082569
8	PRIOR APPLICATION NUMBER: 60/077649	9	PRIOR FILING DATE: 1998-04-21
9	PRIOR FILING DATE: 1998-03-11	10	PRIOR APPLICATION NUMBER: 60/082704
10	PRIOR APPLICATION NUMBER: 60/077791	11	PRIOR FILING DATE: 1998-04-22
11	PRIOR FILING DATE: 1998-03-12	12	PRIOR APPLICATION NUMBER: 60/082804
12	PRIOR APPLICATION NUMBER: 60/078004	13	PRIOR FILING DATE: 1998-04-22
13	PRIOR FILING DATE: 1998-03-13	14	PRIOR APPLICATION NUMBER: 60/082700
14	PRIOR APPLICATION NUMBER: 60/078886	15	PRIOR FILING DATE: 1998-04-22
15	PRIOR FILING DATE: 1998-03-20	16	PRIOR APPLICATION NUMBER: 60/082797
16	PRIOR APPLICATION NUMBER: 60/078936	17	PRIOR FILING DATE: 1998-04-22
17	PRIOR FILING DATE: 1998-03-20	18	PRIOR APPLICATION NUMBER: 60/082796
18	PRIOR APPLICATION NUMBER: 60/078910	19	PRIOR FILING DATE: 1998-04-23
19	PRIOR FILING DATE: 1998-03-20	20	PRIOR APPLICATION NUMBER: 60/083336
20	PRIOR APPLICATION NUMBER: 60/078939	21	PRIOR FILING DATE: 1998-04-27
21	PRIOR FILING DATE: 1998-03-20	22	PRIOR APPLICATION NUMBER: 60/083322
22	PRIOR APPLICATION NUMBER: 60/079294	23	PRIOR FILING DATE: 1998-04-28
23	PRIOR FILING DATE: 1998-03-25	24	PRIOR APPLICATION NUMBER: 60/083392
24	PRIOR APPLICATION NUMBER: 60/079656	25	PRIOR FILING DATE: 1998-04-29
25	PRIOR FILING DATE: 1998-03-26	26	PRIOR APPLICATION NUMBER: 60/083495
26	PRIOR APPLICATION NUMBER: 60/079664	27	PRIOR FILING DATE: 1998-04-29
27	PRIOR FILING DATE: 1998-03-27	28	PRIOR APPLICATION NUMBER: 60/083496
28	PRIOR APPLICATION NUMBER: 60/079689	29	PRIOR FILING DATE: 1998-04-29
29	PRIOR FILING DATE: 1998-03-27	30	PRIOR APPLICATION NUMBER: 60/083499
30	PRIOR APPLICATION NUMBER: 60/079663	31	PRIOR FILING DATE: 1998-04-29
31	PRIOR FILING DATE: 1998-03-27	32	PRIOR APPLICATION NUMBER: 60/083545
32	PRIOR APPLICATION NUMBER: 60/079728	33	PRIOR FILING DATE: 1998-04-29
33	PRIOR FILING DATE: 1998-03-27	34	PRIOR APPLICATION NUMBER: 60/083554
34	PRIOR APPLICATION NUMBER: 60/079786	35	PRIOR FILING DATE: 1998-04-29
35	PRIOR FILING DATE: 1998-03-27	36	PRIOR APPLICATION NUMBER: 60/083558
36	PRIOR APPLICATION NUMBER: 60/079920	37	PRIOR FILING DATE: 1998-04-29
37	PRIOR FILING DATE: 1998-03-30	38	PRIOR APPLICATION NUMBER: 60/083559
38	PRIOR APPLICATION NUMBER: 60/079923	39	PRIOR FILING DATE: 1998-04-29
39	PRIOR FILING DATE: 1998-03-30	40	PRIOR APPLICATION NUMBER: 60/083500
40	PRIOR APPLICATION NUMBER: 60/080105	41	PRIOR FILING DATE: 1998-04-29
41	PRIOR FILING DATE: 1998-03-31	42	PRIOR APPLICATION NUMBER: 60/083742
42	PRIOR APPLICATION NUMBER: 60/080107	43	PRIOR FILING DATE: 1998-04-30
43	PRIOR FILING DATE: 1998-03-31	44	PRIOR APPLICATION NUMBER: 60/084366
44	PRIOR APPLICATION NUMBER: 60/080165	45	PRIOR FILING DATE: 1998-05-05
45	PRIOR FILING DATE: 1998-03-31	46	PRIOR APPLICATION NUMBER: 60/084414
46	PRIOR APPLICATION NUMBER: 60/080194	47	PRIOR FILING DATE: 1998-05-06
47	PRIOR FILING DATE: 1998-03-31	48	PRIOR APPLICATION NUMBER: 60/084441
48	PRIOR APPLICATION NUMBER: 60/080327	49	PRIOR FILING DATE: 1998-05-06
49	PRIOR FILING DATE: 1998-04-01	50	PRIOR APPLICATION NUMBER: 60/084637
50	PRIOR APPLICATION NUMBER: 60/080328	51	PRIOR FILING DATE: 1998-05-07
51	PRIOR FILING DATE: 1998-04-01	52	PRIOR APPLICATION NUMBER: 60/084639
52	PRIOR APPLICATION NUMBER: 60/080333	53	PRIOR FILING DATE: 1998-05-07
53	PRIOR FILING DATE: 1998-04-01	54	PRIOR APPLICATION NUMBER: 60/084640
54	PRIOR APPLICATION NUMBER: 60/080334	55	PRIOR FILING DATE: 1998-05-07
55	PRIOR FILING DATE: 1998-04-01	56	PRIOR APPLICATION NUMBER: 60/084598
56	PRIOR APPLICATION NUMBER: 60/081070	57	PRIOR FILING DATE: 1998-05-07
57	PRIOR FILING DATE: 1998-04-08	58	PRIOR APPLICATION NUMBER: 60/084600
58	PRIOR APPLICATION NUMBER: 60/081049	59	PRIOR FILING DATE: 1998-05-07
59	PRIOR FILING DATE: 1998-04-08	60	PRIOR APPLICATION NUMBER: 60/084627
60	PRIOR APPLICATION NUMBER: 60/081071	61	PRIOR FILING DATE: 1998-05-07
61	PRIOR FILING DATE: 1998-04-08	62	PRIOR APPLICATION NUMBER: 60/084643
62	PRIOR APPLICATION NUMBER: 60/081195	63	PRIOR FILING DATE: 1998-05-07
63	PRIOR FILING DATE: 1998-04-08	64	PRIOR APPLICATION NUMBER: 60/085339
64	PRIOR APPLICATION NUMBER: 60/081203	65	PRIOR FILING DATE: 1998-05-13
65	PRIOR FILING DATE: 1998-04-09	66	PRIOR APPLICATION NUMBER: 60/085338
66	PRIOR APPLICATION NUMBER: 60/081229	67	PRIOR FILING DATE: 1998-05-13
67	PRIOR FILING DATE: 1998-04-09	68	PRIOR APPLICATION NUMBER: 60/085323
68	PRIOR APPLICATION NUMBER: 60/081955	69	PRIOR FILING DATE: 1998-05-13
69	PRIOR FILING DATE: 1998-04-15		

1	PRIOR FILING DATE: 1998-05-15
2	PRIOR APPLICATION NUMBER: 60/085579
3	PRIOR FILING DATE: 1998-05-15
4	PRIOR APPLICATION NUMBER: 60/085580
5	PRIOR FILING DATE: 1998-05-15
6	PRIOR APPLICATION NUMBER: 60/085573
7	PRIOR FILING DATE: 1998-05-15
8	PRIOR APPLICATION NUMBER: 60/085704
9	PRIOR FILING DATE: 1998-05-15
10	PRIOR APPLICATION NUMBER: 60/085697

Query Match 100.0%; Score 1333; DB 10; Length 1333;

Query Match	100.0%;		
Best Local Similarity	100.0%;	Pred. No. 1.8e-303;	
Matches 1333: Conservative	0;	Mismatches 0;	Indels 0;
Gaps	0;		

Qy	1	GCCACGCGTCCGATGGCGCTTACGTTTCGGGCGCTTCTGCTACATCGTCGCGTCTGCT	60
Db	1	GCCACGCGTCCGATGGCGCTTACGTTTCGGGCGCTTCTGCTACATCGTCGCGTCTGCT	60
Qy	61	CACTCGCGGCGTCACTCTTCTTCGCCATTTGGCAATTATAGCAATTTGATGAGCTGAAGAC	120
Db	61	CACTCGCGGCGTCACTCTTCTTCGCCATTTGGCAATTATAGCAATTTGATGAGCTGAAGAC	120
Qy	121	TGATTTCAAGAAATCCTATAGACACAGTGTAAATACCTGAAATCCCCTGTATCTCCAGAGTA	180
Db	121	TGATTTCAAGAAATCCTATAGACACAGTGTAAATACCTGAAATCCCCTGTATCTCCAGAGTA	180
Qy	181	CCTCATCCAGCTTTCTTCTGTGTCAATGTTCTTTGTGACAGAGATGGCTTACACTGGG	240
Db	181	CCTCATCCAGCTTTCTTCTGTGTCAATGTTCTTTGTGACAGAGATGGCTTACACTGGG	240
Qy	241	TCTCAATATGCCCTCTTTGGCATATCATATTTGGAGGTATATGAGTAGACCACTGATGAG	300
Db	241	TCTCAATATGCCCTCTTTGGCATATCATATTTGGAGGTATATGAGTAGACCACTGATGAG	300
Qy	301	TGGCCCAAGGACTCTATGACCCCTCAACCAATCATGAATGCGAGATTTCTAGCATATTGTCA	360
Db	301	TGGCCCAAGGACTCTATGACCCCTCAACCAATCATGAATGCGAGATTTCTAGCATATTGTCA	360
Qy	361	GAAGGAAGGATGGTGCAAAATAGCTTTTATCTTTCTAGCATTTTTTTTACTACCTATATGG	420
Db	361	GAAGGAAGGATGGTGCAAAATAGCTTTTATCTTTCTAGCATTTTTTTTACTACCTATATGG	420
Qy	421	CATCATCTATGTTTTTGGTGAGCTCTTAGAACCAACACAGAGAATTTGGTCCAGTTAAGT	480
Db	421	CATCATCTATGTTTTTGGTGAGCTCTTAGAACCAACACAGAGAATTTGGTCCAGTTAAGT	480
Qy	481	GCATGCAAAAAGCCACCAAAATGAAGGGATTTCTATCCAGCAGATCTGTCCAGAGTAGC	540
Db	481	GCATGCAAAAAGCCACCAAAATGAAGGGATTTCTATCCAGCAGATCTGTCCAGAGTAGC	540
Qy	541	CTGTGGAAATCTGATCAGTTACTTTTAAAAAATGACTCCTTATTTTTTAAATGTTTCCACAT	600
Db	541	CTGTGGAAATCTGATCAGTTACTTTTAAAAAATGACTCCTTATTTTTTAAATGTTTCCACAT	600
Qy	601	TTTTGCTTGTGAAAGAATGTTTTCATATGTTATACTCAGATAAAGATTTTAAATGGTAT	660
Db	601	TTTTGCTTGTGAAAGAATGTTTTCATATGTTATACTCAGATAAAGATTTTAAATGGTAT	660
Qy	661	TACGTTATAAATTAATATAAATGATTACTCTCGGTGTTGACAGGTTTGAACCTTGACATTC	720
Db	661	TACGTTATAAATTAATATAAATGATTACTCTCGGTGTTGACAGGTTTGAACCTTGACATTC	720
Qy	721	TTTAAGGAACAGCCATAATCCTCTGAATGATGATTAATTAATGACTGTGCTTGATGATG	780
Db	721	TTTAAGGAACAGCCATAATCCTCTGAATGATGATTAATTAATGACTGTGCTTGATGATG	780
Qy	781	GAAGCTTTTGTTTATAGGAACCTGTAGGCTCATTTTGGTTTCATTGAAACAGTATCTAA	840
Db	781	GAAGCTTTTGTTTATAGGAACCTGTAGGCTCATTTTGGTTTCATTGAAACAGTATCTAA	840
Qy	841	TTTATAAATTAGCTGTAGATATCAGGTGCTTCTGATGAAGTGAATTTGATATCTGACTAG	900

841	DB	TTATAAATTAGCTGTAGATATCAGGTGCTTCTGATGAAGTGAAGTATATATCTGACTAG	900
901	QY	TGGGAACCTTCATGGTTTCCCTCATCTGTCATGTCGATGATATATATGGATACATTTAC	960
901	DB	TGGGAACCTTCATGGTTTCCCTCATCTGTCATGTCGATGATATATATGGATACATTTAC	960
961	QY	AAAAATAAAAGCGGGAATTTCCCTTCGCTTGAATATTTATCCCTGTTATTTGCGATGAAT	1020
961	DB	AAAAATAAAAGCGGGAATTTCCCTTCGCTTGAATATTTATCCCTGTTATTTGCGATGAAT	1020
1021	QY	GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATCTGCTTTAATCTTTAAGCATA	1080
1021	DB	GAGAGATTTCCCATATTTCCATCAGAGTAAATAATATCTGCTTTAATCTTTAAGCATA	1080
1081	QY	AGTAAACATGATATAAAATATATGCTGGAATTACTTGTCGAAGAATGCATTTAAAGCTATT	1140
1081	DB	AGTAAACATGATATAAAATATATGCTGGAATTACTTGTCGAAGAATGCATTTAAAGCTATT	1140
1141	QY	TTAAATGTGTTTTTATTGTTAAGACATTACTTATTAAAGAAATGGTTATTATGCTTACTG	1200
1141	DB	TTAAATGTGTTTTTATTGTTAAGACATTACTTATTAAAGAAATGGTTATTATGCTTACTG	1200
1201	QY	TTCTAATCTGGTGGTAAAGTATTTCTTAAGAAATTCGAGTACTACAGATTTTCAAACCT	1260
1201	DB	TTCTAATCTGGTGGTAAAGTATTTCTTAAGAAATTCGAGTACTACAGATTTTCAAACCT	1260
1261	QY	GAATGAGAGAAAATTTGTATAACCATCCTGCTGTTCCCTTTAGTGCATAACAATAAACTCT	1320
1261	DB	GAATGAGAGAAAATTTGTATAACCATCCTGCTGTTCCCTTTAGTGCATAACAATAAACTCT	1320
1321	QY	GAATTAAGACTC	1333
1321	DB	GAATTAAGACTC	1333

RESULT 20

US-09-978-643A-321

: Sequence 321, Application US/09978643A

Publication No. US20030104998A1

: GENERAL INFORMATION:

APPLICANT: Ashkenazi, Avi

APPLICANT: ASHKEPAST, KVI  
APPLICANT: Baker Kevin P  
APPLICANT:

APPLICANT: BAKER KEVIN F.  
APPLICANT: POTTS JOHN DARRIN

APPLICANT: HOTSTEIN, DAVID

APPLICANT: Desnoyers, Luc

; APPLICANT: Eaton, Dan

APPLICANT: Ferrara, Napoli

APPLICANT: Filvaroff, Ell

APPLICANT: Fong. Shezman

APPLICANT: FONG, Siemman  
APPLICANT: Gao, Wei-Qiang

APPLICANT: GAO, WEI-QIANG

APPLICANT: Gerber, Hanspe

APPLICANT: Gerritsen, Mar

; APPLICANT: Goddard, Audre

APPLICANT: Godowski, Paul

APPLICANT: Grimaldi, J. C.

: APPLICANT: Gurney, Austin

: APPLICANT: Hillan, Kenneth; AFFILIANT: Guiney, Russell

APPLICANT: HILLMAN, KENNEDY

APPLICANT: KIJAVIN, Ivar

APPLICANT: Kuo, Sophia S.

; APPLICANT: Napier, Mary A

APPLICANT: Pan, James;

APPLICANT: Paoni, Nicholas

APPLICANT: Rev. Margaret

APPLICANT: ROY, Margaret  
APPLICANT: Shelton, David

APPLICANT: SHELLON, DAVID  
APPLICANT: STEWART, TIMOTHY

APPLICANT: Stewart, Timot  
 STREET: 1000 1st St  
 CITY: Seattle, Wash  
 STATE: WA  
 ZIP: 98101

APPLICANT: Tumas, Daniel

APPLICANT: Williams, P. M.

APPLICANT: Wood, William

: TITLE OF INVENTION: Secret

; Prior Application removed - See File Wrapper or Palm									
; SEQ ID NO 321									
; LENGTH: 1333									
; TYPE: DNA									
; ORGANISM: Homo sapiens									
US-09-978-643A-321									
Query Match 100.0%; Score 1333; DB 10; Length 1333;									
Best Local Similarity 100.0%; Pred. No. 1.8e-303;									
Matches 1333; Conservative 0; Mismatches 0; Indels 0; Gaps 0;									
QY	1	GCCACGGCTCGATGGGCTT	CACGTTGCGGCCCTTCTGCTACATGCTGGGCTGCTGCT	60					
Db	1	GCCACGGCTCGATGGGCTT	CACGTTGCGGCCCTTCTGCTACATGCTGGGCTGCTGCT	60					
QY	61	CACGCGCGCTCATCTTCT	CGCCATTTGGCACATATAGCATTTGATGAGCTGAAGAC	120					
Db	61	CACGCGCGCTCATCTTCT	CGCCATTTGGCACATATAGCATTTGATGAGCTGAAGAC	120					
QY	121	TGATTACAAGAACTCTAT	GACAGCTGTAAATACCCGTAATCCCTTGTAATCCCAAGATA	180					
Db	121	TGATTACAAGAACTCTAT	GACAGCTGTAAATACCCGTAATCCCTTGTAATCCCAAGATA	180					
QY	181	CCTATCCACGGCTTCTCT	CTGTCATGTTTCTTTGTGACGAGAGTGCTTACACTGGG	240					
Db	181	CCTATCCACGGCTTCTCT	CTGTCATGTTTCTTTGTGACGAGAGTGCTTACACTGGG	240					
QY	241	TCTCAATATGCCCTCTCG	CAATATCATATTTGGAGGTATATGATAGACCACTGATGAG	300					
Db	241	TCTCAATATGCCCTCTCG	CAATATCATATTTGGAGGTATATGATAGACCACTGATGAG	300					
QY	301	TGGCCAGGACTCTATGAC	CTTACACCATATGAATGACAGATATTTCTAGCATATTTGCTCA	360					
Db	301	TGGCCAGGACTCTATGAC	CTTACACCATATGAATGACAGATATTTCTAGCATATTTGCTCA	360					
QY	361	GAAGGAGATGGTGAATTA	GTCTTTTATCTTCTAGCATATTTTCTAGCTATGCTATGCTG	420					
Db	361	GAAGGAGATGGTGAATTA	GTCTTTTATCTTCTAGCATATTTTCTAGCTATGCTATGCTG	420					
QY	421	CATGATCTATGTTTGGT	GAGCTCTTAGAACACACACAGAGAAATGGTCCAGTTAAAT	480					
Db	421	CATGATCTATGTTTGGT	GAGCTCTTAGAACACACACAGAGAAATGGTCCAGTTAAAT	480					
QY	481	GCATGAAAGACCAATGA	AGGATTTCTATCCAGCAGATCTGCTCCAGAGTAGC	540					
Db	481	GCATGAAAGACCAATGA	AGGATTTCTATCCAGCAGATCTGCTCCAGAGTAGC	540					
QY	541	CTGTGAACTCTGATCAG	TACTTTTAAATGATCTCTTATTTTAAATGTTTCCACAT	600					
Db	541	CTGTGAACTCTGATCAG	TACTTTTAAATGATCTCTTATTTTAAATGTTTCCACAT	600					
QY	601	TTTTGCTGTGGAAGACT	GTTTTCATATGTTTACTCAGATAAAGATTTTAAATGTTAT	660					
Db	601	TTTTGCTGTGGAAGACT	GTTTTCATATGTTTACTCAGATAAAGATTTTAAATGTTAT	660					
QY	661	TACGTATAAATAAATA	ATAAATGATTAATCTGCTGTTGACAGTTTGAATGCTGCTC	720					
Db	661	TACGTATAAATAAATA	ATAAATGATTAATCTGCTGTTGACAGTTTGAATGCTGCTC	720					
QY	721	TTAAGGACACGCCATA	ATCTCTGATGATGATTAATCTGCTGCTGCTGCTGCTGCTG	780					
Db	721	TTAAGGACACGCCATA	ATCTCTGATGATGATTAATCTGCTGCTGCTGCTGCTGCTG	780					
QY	781	GAAGCTTTGTTTATAG	GAATCTTGGGCTCATTTTGGTTTCAATGGAACAGATATCTAA	840					
Db	781	GAAGCTTTGTTTATAG	GAATCTTGGGCTCATTTTGGTTTCAATGGAACAGATATCTAA	840					
QY	841	TTATAAATAGCTGTAG	ATATCAGTGTCTTCTGATGAAGTGAATGATATCTGACTAG	900					
Db	841	TTATAAATAGCTGTAG	ATATCAGTGTCTTCTGATGAAGTGAATGATATCTGACTAG	900					
QY	901	TGGGAACTTCATGGTT	TCCTCATCTGATGCTGATGATATATATGGAATATTTAC	960					

RESULT 21  
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; Sequence 321, Application US/09978375A  
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; GENERAL INFORMATION:  
; APPLICANT: Ashkenazi, Avi  
; APPLICANT: Baker Kevin P.  
; APPLICANT: Botstein, David  
; APPLICANT: Desnoyers, Luc  
; APPLICANT: Eaton, Dan  
; APPLICANT: Ferrara, Napoleon  
; APPLICANT: Filvaroff, Ellen  
; APPLICANT: Fong, Sherman  
; APPLICANT: Gao, Wei-Qiang  
; APPLICANT: Gerber, Hanspeter  
; APPLICANT: Gerritsen, Mary E.  
; APPLICANT: Goddard, Audrey  
; APPLICANT: Godowski, Paul J.  
; APPLICANT: Grimaldi, J. Christopher  
; APPLICANT: Gurney, Austin L.  
; APPLICANT: Hillan, Kenneth J.  
; APPLICANT: Kljavin, Ivar J.  
; APPLICANT: Kuo, Sophia S.  
; APPLICANT: Napier, Mary A.  
; APPLICANT: Pan, James;  
; APPLICANT: Paoni, Nicholas F.  
; APPLICANT: Roy, Margaret Ann  
; APPLICANT: Shelton, David L.  
; APPLICANT: Stewart, Timothy A.  
; APPLICANT: Tumas, Daniel  
; APPLICANT: Williams, P. Mickey  
; APPLICANT: Wood, William I.  
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic  
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